PRINCE EDWARD ISLAND

DEPARTMENT OF FISHERIES & LABOUR
P.O. BOX 2000, CHARLOTTETOWN, P.E.I.
C1A 7N8 (902) 892-3493

Annual Report

for the year ended December 31st

1985

86-04064/

TO THE HONOURABLE RODDY B. PRATT
MINISTER OF FISHERIES AND LABOUR
Charlottetown, P.E.I.

Sir:

I have the honour to submit herewith the Report of the Prince Edward Island Department of Fisheries and Labour for the period ended December 31, 1985.

Respectfully submitted,

Roger W. Kennedy
Acting Deputy Minister

TO HIS HONOUR

THE HONOURABLE LLOYD MACPHAIL,
Lieutenant Governor of the Province of Prince Edward Island

May It Please Your Honour:

I have the honour to submit herewith the Report of the Department of Fisheries and Labour for the period ended December 31, 1985.

I have the honour to be, Sir.

Your obedient servant,

HONOURABLE RODDY B. PRATT
Minister

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FOREWORD

ANNUAL REPORT

During the first six months of 1985, the Prince Edward Island labour force averaged 58,000. Of these, 56.9% were male and 43.1% were female. Approximately 10,000 workers are unionized, 7,000 in the public sector and 3,000 in the private sector.

Statistics Canada quotes major wage settlements for the third quarter of 1985 as 4% for the public sector and 3.5% for the private sector.

Statistics Canada shows Prince Edward Island average hourly earnings industrial aggregate for June, 1985 as $7.13 compared to June, 1984 as $6.75, an increase of 5.6% or $.38.

As of June 11, 1985, Prince Edward Island had completed 145 consecutive weeks without a strike or lock-out. This ceased on June 15, 1985, when Local 1515 Retail, Wholesale Dairy Workers Union commenced strike action against Perfection Foods Ltd. Following the appointment of a Mediator who was unable to settle this dispute, the Prince Edward Island Labour Relations Board on October 30, 1985, issued an Order whereby the striking employees were to be back at work by December 1, 1985. The striking employees returned to work on December 1, 1985 (a loss of 8,580 person days of work) with Perfection Foods Ltd. appealing to the Court to have the Board Order revoked. The court decision is pending as of December 31, 1985.

One hundred and forty employees, members of Local 1432 International Brotherhood of Electrical Workers were locked-out by Maritime Electric Co. Ltd. on November 1, 1985, with the lock-out ending on November 6, 1985. (A loss of 560 person days of work).

1986 promises to be busy with forty collective agreements due to expire during the year. Included in the forty are all of the Construction Association of Prince Edward Island agreements with the various trades.

The fishery in Prince Edward Island in 1985 was quite successful with improved overall landings recorded and the value of landings increased by 35%. The primary contributor to the increased landings and value was the lobster fishery which showed a gain in value of more than $10 million.

Also very encouraging is the continued development and expansion of the cultured blue mussel fishery where production in 1985 almost doubled that of the previous year. The Province continues to reap the benefits of development programs carried out by both levels of government in the oyster industry with the value of that fishery being second only to lobster.

A significant success story in 1985 was the Snow Crab fishery. After many years of P.E.I. exclusion from this fishery, former Federal Minister of Fisheries and Oceans, Hon. John Fraser, granted P.E.I. fishermen sixteen exploratory permits to fish for snow crab within 2 inshore exploratory zones. Despite problems encountered by D.F.O. in maintaining the P.E.I. zones exclusively for our exploratory fishery, landings by the sixteen P.E.I. fishermen reached almost two million pounds. It is our belief that the success of the exploratory fishery in 1985 should ensure P.E.I. the right to a viable presence in the crab fishery in the future.

The major thrust of departmental programming through the Fisheries Sub-agreement of the Economic Regional Development Agreement is groundfish quality improvement. 1985 saw the introduction of dockside grading on a Province wide basis and incentive programs for both fishermen and processors to encourage quality improvement. The dockside grading program which was carried out on a voluntary basis resulted in approximately 70% of inshore groundfish landings being offered for grading and grade "A" designation being achieved on 71% to 84% of those landings depending on species. Improved returns to fishermen and processors and a developing reputation of quality in the marketplace are evidence of the positive results of the quality initiatives.

The fisheries sector is important not only to P.E.I. but as the world's largest exporter of fish products Canada relys on the strength of the fishery. Future challenges and opportunities in Canada's fishery were addressed at the First Ministers Conference in Halifax in November. The Federal and Provincial Fisheries Ministers were mandated at the First Minister's meeting to focus on a number of these challenges and opportunities during the first six months of 1986. Topics include trade, income stability, resource considerations and fisheries development. The upcoming consultations on these important topics will shape a national strategy for the fishery in the years ahead.

1986 will, as well, result in the clarification of countervailing duty action launched by U.S. fishing interest against imports of Canadian fresh groundfish. The final determination of the countervail action will impact not only fresh groundfish exports but could result in similar actions on other fish species. Our department will be co-operating fully with the Fisheries Council of Canada who are co-ordinating Canadian defense of the countervail action.

Late in 1985, Mr. Harry O'Connell resigned his position as Deputy Minister of Fisheries and Labour to enter private business. Mr. O'Connell's leadership and progressive attitude in dealing with concerns and opportunities in the fishery were much appreciated by both staff and members of the P.E.I. fishing industry. Mr. Roger Kennedy replaced Mr. O'Connell as Acting Deputy Minister of Fisheries and Labour.

I would like to acknowledge the support the Department has received from the various sectors of the fishing industry as well as the labour community, for their input and guidance and my sincere thanks to the substantial efforts of the staff of both the Labour Division and Fisheries Division.

Roger Kennedy
Acting Deputy Minister

DEPARTMENT OF FISHERIES AND LABOUR

ADMINISTRATION
Glenda Stewart

The approved budget for the Department of Fisheries and Labour for the fiscal year April 1, 1984 to March 31, 1985 was $2,544,500. Total expenditure was $2,827.719.32.

Special warrants were issued as follows:

Seaweed Market Stabilization	$274,000.
P.E.I. Fishermen's Association	30,000.
E.R.D.A.	200,000.

Total revenue for the 1984/85 fiscal year was $362,467.17.

The programs of the Department were carried out by twenty-seven full time staff during 1985. In addition to full time staff, there were twenty-two seasonal employees on staff during May to October.

A detailed expenditure report of the Department follows.

REPORT OF DEPARTMENT EXPENDITURES
APRIL 1, 1984 - MARCH 31, 1985

Expenditures	Original Estimate	Special Warrants ERDA	Special Warrants Non ERDA	Actual Expenditure
LABOUR ADMINISTRATION				
Administration	30,000			41,517.23
Equipment	1,900			237.55
Materials & Supplies	10,200			4,996.32
Salaries	122,700			91,992.86
Travel	18,900			13,526.24
TOTAL	183,700			152,270.20
INDUSTRIAL RELATIONS				
Administration	1,100			882.31
Materials & Supplies	1,000			1,009.51
Professional Services	11,400			6,581.59
Salaries	42,400			43,839.66
Travel	2,800			2,319.20
TOTAL	58,700			54,632.27
LABOUR STANDARDS				
Administration	900			554.00
Materials & Supplies	1600			82.50
Professional Services	500			468.18
Salaries	86,800			85,325.63
Travel	5,500			6,231.19
TOTAL	95,300			92,661.50
BOILER INSPECTION				
Administration	4,100			4,478.03
Equipment	200			241.29
Materials & Supplies	3,600			2,413.57
Salaries	113,400			114,821.12
Travel	14,500			13,465.08
TOTAL	135,800			135,419.09
LABOUR RELATIONS BOARD				
Administration	1,100			1,028.00
Materials & Supplies	1,300			862.25
Professional Services	1,400			7,474.05
Salaries	52,900			49,981.74
Travel	3,600			4,185.31
TOTAL	60,300			63,531.35

Expenditures	Original Estimate	Special Warrants ERDA	Special Warrants Non ERDA	Actual Expenditure
LABOUR MANAGEMENT RELATIONS COUNCIL				
Administration	400			273.41
Materials & Supplies	400			290.35
Salaries	8,600			5,631.90
Travel	600			223.60
TOTALS	10,000			6,419.26
LABOUR MANAGEMENT BRANCH				
Administration	400			321.85
Materials & Supplies	300			162.15
Salaries	37,000			36,439.07
Travel	3,500			3,490.30
TOTALS	41,200			40,413.37
APPRENTICESHIP DIVISION				
Administration	3,000			4,374.02
Materials & Supplies	5,300			2,753.88
Salaries	216,900			214,456.87
Travel	10,500			9,427.92
Apprentice Training Allowance	1,000			1,100.00
TOTALS	236,700			232,112.69
TRAINING IN INDUSTRY				
Administration	2,300			2,270.00
Equipment	300			.00
Materials & Supplies	800			.00
Salaries	17,200			15,617.32
Travel	2,600			2,167.46
TOTALS	23,200			20,054.78
OCCUPATIONAL HEALTH AND SAFETY				
Administration	3,600			3,544.45
Equipment	500			156.22
Materials & Supplies	3,200			3,450.92
Salaries	63,500			64,520.29
Travel	4,900			2,734.91
TOTALS	75,700			74,406.79
FISHERIES ADMINISTRATION				
Administration	1,500			1,459.31
Materials & Supplies	2,500			2,485.65
Professional Services	50,000		10,000	65,524.77
Salaries	107,600			110,473.69
Travel	8,500			11,208.09
TOTALS	170,100		10,000	191,151.51

Expenditures	Original Estimate	Special Warrants ERDA	Special Warrants Non ERDA	Actual Expenditures
Extension Division				
EXTENSION-ADMINISTRATION				
Salaries	108.100			112,280.60
Travel	17,000			16,764.58
Professional Services	000		20,000	14,570.00
Materials & Supplies	000		10,000	.00
Bait Shed Program Grant *Transferred from unused Account. Ex. Council Decision D901/84				12,600.00
TOTALS	125,100		30,000	156,215.18
FINANCIAL ASSISTANCE				
Grant-Malpeque Oyster Cultures	1,000			1,732.22
Grant-P.E.I. Seafood Processors	9,500			9,500.00
Grant-P.E.I. Lending Authority	35,000			.00
Grant-P.E.I. Fishermens Association	000		30,000	30,000.00
TOTALS	45,500		30,000	41,232.22
YOUTH DEVELOPMENT				
Travel	1,800			838.47
TOTALS	1,800			838.47
INFORMATION				
Materials & Supplies	26,700			36,529.49
Salaries	10,000			8,567.55
Travel	4,500			3,889.04
TOTALS	41,200			48,986.08
TECHNICAL UPGRADING				
Administration	1,000			900.00
Professional Services	10,500			10,500.00
Salaries	1,000			.00
Grant-Travel Grant For Fishermen	10,200			10,461.78
TOTALS	22,700			21,861.78
PORT MAINTENANCE				
Materials & Supplies	117,400			126,966.48
Professional	1,600			3,501.36
TOTALS	119,000			130,467.84

RESOURCE MONITORING		
Materials & Supplies	2,100	1,016.96
Salaries	30,100	27,032.12
Travel	9,400	11,888.88
Totals	41,600	39,937.96

Expenditures	Original Estimate	Special Warrants ERDA	Non ERDA	Actual Expenditures
AQUACULTURE INCENTIVE				
Aquaculture Incentive Grant	15,000			15,049.32
TOTALS	15,000			15,049.32
FISHING INDUSTRY TECHNOLOGY				
Materials & Supplies	20,000			10,000.00
Equipment	000			9,181.36
TOTALS	20,000			19,181.36
Production Division				
PRODUCTION ADMINISTRATION				
Salaries	72,000			85,443.73
Travel	11,300			10,536.29
Materials & Supplies	000		10,000	8,177.72
TOTALS	83,300		10,000	104,157.74
TEST PRODUCTION				
Materials & Supplies	20,000			2,921.35
Professional Services	22,000		20,000	31,561.84
TOTALS	42,000		20,000	34,483.19
LAB AND TEST KITCHEN				
Materials & Supplies	25,700			32,893.44
Salaries	47,700			43,874.01
Travel	9,600			10,755.14
TOTALS	83,000			87,522.59
STATISTICS				
Materials & Supplies	1,000			768.83
Salaries	35,200			33,499.07
Travel	2,100			1,682.56
TOTALS	38,300			35,950.46
FRESH FISH MARKET ASSISTANCE				
Salaries	5,600			7.867.60
Travel	2,100			1,953.85
Grant-Fresh Fish Market Assistance	35,000			26,662.40
TOTALS	42,700			36.483.85

Expenditures	Original Estimate	Special Warrants ERDA	Special Warrants Non ERDA	Actual Expenditures
FLEET DEVELOPMENT				
Grant-Fleet Development	401,000			307,239.16
TOTALS	401,000			307,239.16
COMMERCIAL FISHERMEN'S INVESTMENT INCENTIVE				
Grant-Investment Incentive	141,000			44,854.97
TOTALS	141,000			44,854.97
Processing and Quality Division				
PROCESSING AND QUALITY ADMINISTRATION				
Salaries	72,000			71,300.39
Travel	7,300			7,254.01
Grant-Processors Incentives	000	130,000		153,723.41
TOTALS	79,300	130,000		232,277.81
PROFESSIONAL SERVICES				
Professional Services	40,500			41,108.68
TOTALS	40,500			41,108.68
TECHNOLOGY IMPROVEMENT				
Equipment	10,000			4,489.10
Materials & Supplies	21,500			28,422.37
TOTALS	31,500			32,911.47
QUALITY ENHANCEMENT				
Equipment	2,100			2,765.40
Materials & Supplies	3,200			2,395.03
Professional Services	5,100			4,487.79
Salaries	20,500			24,228.33
Travel	8,400			8,842.86
TOTALS	39,300			42,719.41
SEAWEED MARKET STABILIZATION				
Materials & Supplies	000		274,000	291,166.97
*17,170 transferred from Commercial Fishermen's investment incentive.			274,000	291,166.97
DEPARTMENT TOTALS	2,544,500	200,000	304,000	2,827,719.32

REVENUE

APRIL 1, 1984 - MARCH 31, 1985

BOILER INSPECTION		
Federal Government Inspections	30,755.00	
Boiler Inspection Fees	16,118.89	
Engineer Fees	2,571.94	49,445.83
APPRENTICESHIP		
Trade Examination Fees	1,815.00	1,815.00
FISHERIES ADMINISTRATION		
Fish Box Pool	10,703.00	10,703.00
EXTENSION		
Mussel Growers Buoy Stockpile	423.20	
Aquaculture Incentive Program	17,853.08	18,276.28
PRODUCTION		
Rental Bulk Fish Boxes	3,165.06	3,165.06
PROCESSING AND QUALITY		
Licenses and Permits	4,325.00	
Seaweed Market Stabilization	274,737.00	279,062.00
TOTAL DEPARTMENT REVENUE		362,467.17

DEPARTMENT OF FISHERIES AND LABOUR

LABOUR DIVISION

Roger W. Kennedy, Acting Deputy Minister and Chief Conciliation Officer, Linda Birt, Secretary

The Labour Division of the Prince Edward Island Department of Fisheries and Labour is comprised of the following Branches:

Industrial Relations Branch
Labour Relations Board
Employment Standards Branch
Boiler Inspection Branch
Occupational Health and Safety Division
Occupational Health and Safety Council
Labour Management Branch
Labour Management Relations Council

During the first six months of 1985, the Prince Edward Island labour force averaged 58,000. Of these, 56.9% were male and 43.1% were female. Approximately 10,000 workers are unionized, 7,000 in the public sector and 3,000 in the private sector.

Statistics Canada quotes major wage settlements for the third quarter of 1985 as 4% for the public sector and 3.5% for the private sector.

Statistics Canada shows Prince Edward Island average hourly earnings industrial aggregate for June 1985 as $7.13 compared to June 1984 as $6.75, an increase of 5.6% or $.38

As of June 11, 1985, Prince Edward Island had completed 145 consecutive weeks without a strike or lock-out. This ceased on June 15, 1985, when Local 1515 Retail, Wholesale Dairy Workers Union commenced strike action against Perfection Foods Ltd. Following the appointment of a Mediator who was unable to settle this dispute, the Prince Edward Island Labour Relations Board on October 30, 1985, issued an Order whereby the striking employees were to be back at work by December 1, 1985. The striking employees returned to work on December 1, 1985 with Perfection Foods Ltd. appealing to the Court to have the Board Order revoked. The Court decision is pending as of December 31, 1985.

One hundred and forty employees, members of Local 1432 International Brotherhood of Electrical Workers were locked-out by Maritime Electric Co. Ltd. on

November 1, 1985, with the lock-out ending on November 6, 1985.

On November 15, 1985, Mr. Harry O'Connell retired as Deputy Minister of Fisheries and Labour after six years service with Government. Mr. Roger Kennedy replaced Mr. O'Connell as Acting Deputy Minister of Fisheries and Labour.

1986 promises to be busy with forty collective agreements due to expire during the year. Included in the forty are all of the Construction Association of Prince Edward Island agreements with the various trades.

The Department provided Conciliation Services in the following cases which constitutes the report of the Industrial Relations Branch:

The Sacred Heart Home and Local 1588 Canadian Union of Public Employees. Settled by Arbitration. (settlement pending from last report).

Schurman Ready-Mix/M.F. Schurman Co. Ltd. and Local 902 International Union of Operating Engineers. Settled.

Prince Edward Island Union of Public Sector Employees and The Public Sector Employees Staff Union. Settled.

Maritime Theatres Limited and Local 906 International Alliance of Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada. Pending.

Perfection Foods Ltd. and Local 1515 Retail, Wholesale Dairy Workers Union. Not settled at Conciliation. Strike action commenced June 15, 1985. Mediator unable to settle dispute. The Prince Edward Island Labour Relations Board ordered the employees back to work on December 1, 1985. (A loss of 8,580 person days of work). Perfection Foods Ltd. appeal to Court pending as of December 31, 1985. 1985.

Usen Fisheries Limited and Local 1252 United Food and Commercial Workers Union. Settled.

Province of Prince Edward Island as represented by the Minister of Education and The Prince Edward Island Teachers' Federation. Settled.

Maritime Electric Co. Ltd. and Local 1432 International Brotherhood of Electrical Workers. Employees locked-out on November 1, 1985; returned to work on November 6, 1985. Settled. (A Loss of 560 person days of work).

Birt and MacKay Backhoe Services and Local 902 International Union of Operating Engineers. Settled.

The Province of Prince Edward Island as represented by the Minister of Education and Locals 1145, 1770 and 1775 Canadian Union of Public Employees. Pending.

Reports in detail of other Branches within the Labour Division follow:

EMPLOYMENT STANDARDS BRANCH

Roy J. Doucette, William G. Monteith

The role of the Employment Standards Branch is to administer and enforce Part iii of the Labour Act which endeavors to ensure employees receive payment of wages, vacation pay, proper notice of termination or pay in lieu thereof, payment of minimum wage, maternity leave protection, and to ensure that the rights of employees and employers are not abused by providing them with legislative information through telephone contact, office interviews, information seminars and distribution of Departmental literature.

The Branch was called upon to investigate 143 formal complaints during 1985, and of the 143 formal complaints, 131 have been settled. The remaining 12 cases are either under investigation, being dealt with by the Department of Justice, awaiting payment or will be going before the Employment Standards Advisory Board.

The total sum of monies received from the 131 formal complaints which has been settled is as follows:

Vacation Pay	$77,240.77
Wages	42,712.98
Pay in lieu of Proper Notice	2,734.53
	$122,988.28

The following statistical data gives a brief breakdown of what has happened during 1985 in this Branch:

Inquiries	6,187
Investigations	122
Routine Inspections	444

One staff member of this Branch attended a most informative and timely meeting of the Canadian Association of Administrators of Labour Legislation held in Calgary, Alberta.

EMPLOYMENT STANDARDS ADVISORY BOARD

Michael F. Hennessey, Chairman, Roy J.Doucette, Secretary

The role of the Board is to hear appeal presentations from employers who have had a complaint filed against them for alleged violations of Part 111 of the Labour Act, and also to make recommendations for Minimum Wage Change.

During 1985 the Board held five meetings which dealt with seven appeals concerning non-payment of wages, vacation pay and pay in lieu of proper notice of termination. The Board also recommended an increase in the minimum wage and board and lodging rates which were approved and became effective October 1, 1985.

BOILER INSPECTION DIVISION

Miller West	Chief Boiler Inspector
Steve Donovan	Boiler Inspector
Barry Cudmore	L.P.Gas Inspector
Marjorie McLean	Administrative Assistant

The object of the Boilers and Pressure Vessels Division is to provide reasonable protection to life and property where boilers and pressure vessels are in use. The Division pursues this goal and encourages good safety practices by its administration of the Boiler and Pressure Vessels Act and Regulations and the Power Engineers' Act and Regulations, which provide for boilers, pressure vessels, and pressure piping to be designed, constructed, installed and operated according to adopted standards.

The Division office is located on the 5th. floor of the Sullivan Building in Charlottetown.

Designs for boilers, pressure vessels, fittings and pressure piping systems are submitted to the Division for review and registration. The Division surveys them for compliance with Regulations and with applicable codes governing sound engineering practices, material specifications, welding and construction procedures, and quality control systems. During the reporting period, the Division received 113 designs as is shown on the Table.

The Division inspects and tests boilers and pressure vessels during and after construction (when constructed locally) and after installation, at which time it issues certificates to permit their operation in P.E.I. The Division carries out service inspections as required during the operating life of the boiler or pressure vessel.

Persons who operate Power and Heating plants; persons involved in the fabrication, installation and repair of propane systems and appliances; persons involved in the handling of propane gas in any manner; and those who are employed to weld boilers, pressure vessels, or pressure piping systems must obtain certification.

The Division awards certification for Power Engineers, pressure welders, gas installers, and gas handlers in domestic, commercial, and industrial applications upon their successful completion of examinations. These examinations are designed to ensure that certificate holders have the standards of experience, competency and knowledge required in their respective fields.

OTHER ACTIVITIES

Under the terms of a negotiated agreement between Labour Canada and the P.E.I. Department of Fisheries and Labour, the Division carried out 435 inspections of boilers and pressure vessels on Federal properties at a fee of $96.00 per inspection.

During the year, the Division examined 35 retorts and calibrated pressure and temperature recording devices at 12 Seafood Processing Plants.

New Activities

By Order in Council dated May 23, 1985, new legislation entitled the Boiler and Pressure Vessels Act and Regulations became law on July 1, 1985. The Steam Boiler Act and Regulations were revoked.

New requirements under this legislation include the licensing of persons involved in the handling of propane gas. The legislation also requires persons, firms, and corporations involved in the fabrication, installation and repair of boilers, pressure vessels, and pressure piping systems be licensed as Mechanical Contractors.

To obtain a Mechanical Contractor's license, the submission of a Quality Control Manual is required. This manual must be approved and registered by the Division before a license can be issued.

Statistics of Activities Under Boilers and Pressure Vessels Act

Inspections

	1985	1984	1983
BOILERS	578	1,004	1,275
PRESSURE VESSELS	917	1,453	1,549

During the course of an inspection, the Safety Officer examines the unit for signs of deterioration and ensures that all safety controls are present and working properly. Any adverse condition that is considered a potential hazard must be corrected by the time of reinspection - 30 days. The following is a summary of potential hazards averted.

	1985	1984	1983
Safety Valve seized or missing	11	20	30
Defective Safety Valve	21	40	31
Low Water Cut Out Deffective or Missing	6	51	65
Limit Control Defective or Missing	1	3	3
Defective Water Glass	3	8	6
Accessories and Connections Requiring Repair	18	20	16
Heavy Scale Build-up	3	12	14
Miscellaneous Unsafe Conditions	23	37	46
Major Repairs Required	29	12	18
Condemned or Out Of Service Pending Repair	10	7	4
	125	210	242

Accidents

	1985	1984	1983
Accidents	0	1	2
Injuries	0	0	0
Fatalities	0	0	0

Designs Processed

	1985	1984	1983
Boiler Designs	22	16	14
Pressure Vessel Designs	66	79	85
Fitting Designs	22	70	59
Welding Procedures	5	4	2
	115	169	160

Pressure Welders Certified

	1985	1984	1983
Pressure Welders	87	95	81

L.P. Gas Examinations

	1985
Dispenser Operator	40
Domestic Gas Fitter	7
Bulk Plant Operator	10
Gas Installer	3
Tank Truck Operator	11
	71

Activities Under Power Engineers' Act

EXAMINATIONS CONDUCTED RANGING FROM 4th. CLASS TO 1st CLASS

	1985	1984	1983
Total Examinations	69	120	91

Power Engineers Currently Registered

	1985	1984	1983
First Class	11	11	11
Second Class	30	26	23
Third Class	78	68	67
Fourth Class	196	199	181
Refrigeration A	5	5	4
Refrigeration B	25	25	25
	345	334	311

LABOUR RELATIONS BOARD (P.E.I.)

Chairman -- J.J. Revell

Chief Executive Officer--Wayne S. MacKinnon

During 1985 the Board dealt with fifteen separate cases in its areas of responsibility.

The Board issued six Certification Orders during the year. One Application for Certification was denied.

Additional cases brought before the Board included three Applications for Reconsideration; two Applications for Revocation; one Unfair Labour Practice Complaint; one Application for Amendment and one Application filed under Section 7(3) (Common Employer).

Three Applications for Certification are presently before the Board as well as one Application for Amendment.

One case involving a Reconsideration went to Provincial Court and one case involving an Unfair Labour Practice went to Supreme Court.

During the year the Board was involved to a significant extent in a dispute between the Retail, Wholesale Dairy Workers Union Local 1515 and Perfection Foods Ltd. This dispute involved the Board in protracted hearings and at year end, while the parties had effected a return to work agreement, the issue of Board jurisdiction to intervene in the dispute is still before the Court.

Members of the Labour Relations Board are Messrs. Harry Snow, Roy Lambie, Lloyd Weeks, Robert Crockett, George McInnis and Glen Mitchell. Mr. Wayne S. MacKinnon serves as Chief Executive Officer of the Board. Mr. J.J. Revell is Chairman of the Board.

LABOUR MANAGEMENT BRANCH

James Coles
Labour Management Officer

Following is the tenth Annual Report of the Labour Management Branch.

During the year, new committees were formed at Wedgewood Manor, Summerside Addiction Services, and at the Provincial Correctional Centre in Sleepy Hollow.

An information booth was set up and manned by the Branch at the C.U.P.E. (P.E.I.Division) Annual Convention, The Federation of Labour Convention, The P.E.I. Union of Public Sector Employees' Convention, The P.E.I. Council of Labour Convention; and the 19th Annual Conference of the Labour Management Relations Council.

The Labour Management Officer attended approximately three hundred and fifty labour management and related meetings during the past year.

On ten occasions during the year, the Labour Management Officer put on a slide presentation which further explains the importance of labour-management committees; how they work for the benefit of both labour and management by helping to diffuse potentially explosive situations through the development of trust and co-operation at the workplace, thereby creating the kind of relations which result in fewer grievances and less items getting to the bargaining table. These presentations also assist in creating a working together program on various kinds of training required in the establishment as well as changes necessary in times of economic restraint.

The Labour Management Officer attended all meetings of the P.E.I.Labour Management Relations Council and provided all the necessary research to assist the Council to function effectively. He assisted in the preparation of and arrangements for the 19th Annual Labour Management Conference as well as preparing and mailing out the Spring and Conference editions of the L.M.R.C. Newsletters and the Conference Reports.

OCCUPATIONAL HEALTH AND SAFETY DIVISION

Phyllis MacDonald - Director
Heather McKenna - Secretary

On April 11, 1985, the Occupational Health and Safety Act received its First Reading in the Provincial Legislature.

On May 28, 1985, the Occupational Health and Safety Act received Third Reading and Royal Assent.

On July 13, 1985, Part 5 of the Occupational Health and Safety Act, Occupational Health and Safety Division was proclaimed. This enabled the Department of Fisheries and Labour to appoint a Director.

On October 15, 1985, Honourable Roddy Pratt announced the appointment of Phyllis MacDonald as Director of the Division of Occupational Health and Safety which will be established in the Department of Fisheries and Labour.

A Regulations Committee was appointed by Executive Council to draft a set of regulations for the Occupational Health and Safety Act. This Committee consists of John A. Carr, Chairman, Occupational Health and Safety Council; Roger Kennedy, Acting Deputy Minister of Fisheries and Labour; Leo Rossiter, Chairman of the Workers Compensation Board; and Phyllis MacDonald, Director of the Occupational Health and Safety Division.

This Committee has met five times and is preparing draft regulation for submission to the Minister of Fisheries and Labour.

OCCUPATIONAL HEALTH AND SAFETY COUNCIL

John A. Carr	Chairman
Phyllis MacDonald	Executive Officer
Heather McKenna	Secretary

1. **Council Meetings**
   The Council held six regular meetings during 1985.

2. **Council Membership**
   Dr. John DeMarsh, a member of the P.E.I. Medical Society was appointed to the Council on January 10, 1985. All other members of the Council were reappointed for a one year term.

3. **Legislation**
   The Council started off the year by receiving written and oral submissions to the white paper on proposed Occupational Health and Safety legislation which had been released in November, 1984. Sixteen groups and one individual responded; for the most part, in favour of the proposed legislation.

   The proposed Act was introduced in the Legislature on April 11, 1985, received Royal Assent on May 28, 1985, with Part 5 of the Act being proclaimed on July 13, 1985.

4. **Change of Role of Executive Officer**
   On October 15, 1985, Honourable Roddy Pratt, Minister of Fisheries and Labour announced the appointment of Phyllis MacDonald as the Director of the proposed Occupational Health and Safety Division which is to be established in the Department of Fisheries and Labour. From October 15, 1985, Mrs. MacDonald assumed the role of Director of the Occupational Health and Safety Division while retaining the role of Executive Officer of the Occupational Health and Safety Council.

5. **Public Relations Activities**
   The Chairman made presentations to the P.E.I. Division of the Canadian Manufacturers Association, the Federation of Agriculture, and to the P.E.I. Council of Labour, on various aspects of Occupational Health and Safety Regulations.

   Both the Chairman and the Executive Officer addressed the Canadian Public Personnel Management Association.

   The Executive Officer assisted the P.E.I. Association for the Hearing Impaired in preparing activities to mark Hearing Awareness Month (May).

Displays were set up for Law Days and for the Annual Conference of the P.E.I. Union of Public Sector Employees.

6. **High Blood Pressure Control in the Workplace**
The Executive Officer participated in the development of a manual for use in implementing blood pressure programs in the workplace. This manual was developed by an inter-agency committee and the proposed program has been implemented at Island Tel. The Executive Officer is also participating in the development of a manual for national use.

7. **Council Members**
Members of the Occupational Health and Safety Council are: John A. Carr, Chairman, L.W. Brammer, Dr. John DeMarsh, Ansel Ferguson, Eric Hammill, Sandy MacKay, Neville McKittrick, Francis Reid, Mary E. (Sally) Robertson, Leo Rossiter, Ex Officio members: Roger Kennedy and Keith Wornell.

PRINCE EDWARD ISLAND FISHERIES

The year 1985 has been relatively constant in most areas of the P. E. I. Fishery with landings increasing by 5,923,355 lbs. over the 1984 recorded figure. Preliminary figures show 1985 landings of 119,508,694 pounds. The total landed value of all fishery products reached $51.9 million, an increase of 37.1% over the 1984 value.

The industry presently employs 5,000 people, approximately 3,000 in fishing and 2,000 in processing. Many more are employed in industries which support the fishery such as outfitting and vessel construction. It is estimated that in excess of $125 million is contributed annually to the Prince Edward Island economy from the primary and secondary sectors and support industries.

Total groundfish landings in 1985 decreased to 34 million pounds representing a 17.8% decrease from 1984. The value, however, increased by 8.1%. With respect to the dominant groundfish species, increases have been recorded in flounder and cod, while decreases have occured in landings of hake and redfish. Flounder landings increased by 22.8%, raising the landings from 5.4 million pounds in 1984 to 6.6 million pounds in 1985. The value of these landings increased substantially by 116%, showing a landed value of $1.7 million. Hake and redfish landings showed the greatest decline with a decrease of 44.5% and 45.6% respectively. Cod landings increased by 9.9% to 12.4 million pounds with a value of $1.7 million showing a 22.7% increase.

Landings of pelagic and esturial fish increased to 20.3 million pounds, up from 15.6 million pounds in 1984, showing a 30.2% increase. The value of these landings increased by 11.5% to give a value of $3.6 million. Mackerel and herring landings and values increased by 31.4% and 27.0% respectively. Gaspereaux increased from 146,751 lbs. in 1984 to 616,446 lbs. in 1985. Smelt landings increased 53.9% up from 535,692 lbs. in 1984 to 824,521 lbs. in 1985. Silverside landings decreased by 12.2% and eel landings increased by 22.4%. Tuna landings dropped by 42.5% with a recorded landing of 227,130 pounds.

Total mollusc and crustacean landings increased by 23.2%, raising the landings by 5.0 million pounds to reach 26,557,651 lbs. The value of these landings increased by 44.4% from $28.3 million in 1984 to $40.9 million in 1985. The lobster fishery showed improvements this year with an increase in landings of 10.1% and an increase of 45.2% in value to reach a record of $33.6 million. Mussel and soft shell clam landings showed significant increases of 62.9% and 39.4%respectively. Scallop landings increased by 10.7% and as well, their value increased by 6.1% compared to 1984 figures. Bar clam landings showed a decline of 14.4% while quahaug landings increased by 40.0% compared to those of 1984.

Seaplant landings increased by 3.6 million pounds to 38.4 million lbs. for 1985 with a landed value increase of 43.8% giving a total of $2.5 million.

The landed weight and value for fish and seaplants in P.E.I. in 1985 with comparative figures for 1984 are as follows:

P.E.I. FISH LANDINGS AND VALUES
1984 - 1985

SPECIES	1984		1985*	
Groundfish	**Pounds**	**Value $000**	**pounds**	**Value $000**
Cod	11,289,067	$1,415.4	12,403,578	$1,736.5
Hake	6,686,047	401.2	3,776,570	302.1
Flounder	5,402,798	767.7	6,634,030	1,658.2
Redfish	16,713,972	1,838.5	9,380,830	1,055.3
Haddock	18,854	3.2	48,139	9.6
Halibut	28,533	20.5	21,509	15.1
Pollock	26,980	1.9	3,000	0.3
Catfish	600	--	---	---
Tomcod	543	--	286,166	28.6
Fishmeal	1,478,400	14.8	1,692,900	16.9
TOTAL	41,645,794	$4,463.2	34,246,722	$4,822.9
Pelagic				
Tuna	394,913	$1,382.2	227,130	$ 795.0
Mackerel	3,740,390	448.8	4,916,340	590.0
Herring	10,178,190	1,017.8	12,929,462	1,292.9
Gaspereaux	146,751	14.7	616,446	61.6
Eels	289,302	216.9	354,228	283.4
Smelts	535,692	107.1	824,521	494.7
Silversides	265,218	39.8	232,954	28.0
Salmon	333	1.2	240	1.4
Trout	16,500	33.0	37,000	77.7
Animal Feed	13,430	0.7	141,878	14.2
TOTAL	15,580,719	$3,262.2	20,280,199	$3,638.9

SPECIES	1984		1985*	
Shellfish	**Pounds**	**Value $000**	**Pounds**	**Value $000**
Lobster	13,635,305	$23,137.8	15,018,381	$33,591.0
Bar Clams	1,636,258	327.2	1,401,665	280.3
SS Clams	615,982	277.2	858,380	472.1
Quahaugs	979,315	587.5	1,371,321	822.8
Ocean Quahaugs	25,251	2.5	31,000	3.1
Scallops	222,451	1,334.7	246,370	1,416.6
Mussels	627,184	407.6	1,022,242	562.2
Oysters	3,385,318	2,031.2	3,403,240	2,041.9
Snow Crab	406,443	243.8	3,083,524	1,695.9
Rock Crab	100,892	10.1	121,528	12.2
Whelks			22,418	5.6
TOTAL	21,634,400	$28,359.6	26,580,069	$40,904.6
Total Fish	78,860,913	$36,085.0	81,106,990	$49,366.4
Marine Plants	34,724,426	1,736.0	38,401,704	2,496.1
Total Fishery Products	113,585,339	37,821.0	119,508,694	51,862.5

* preliminary

DEPARTMENT OF FISHERIES & LABOUR

The following table shows the comparisons for P.E.I.'s landings and values, by species, groups, over the period 1960 - 1985.

Prince Edward Island, 1960 - 1985
Landings, Quantity and Values by Species
(In thousands of lbs. and thousands of dollars)

		Groundfish	Pelagic & Estuarial	Molluscs & Crustaceans	Marine Plants	Seafish Total Excluding Marine Plants	Total
1960	Q.	23,258	5,731	13,294	12,596	42,282	Q. 54,781
	V.	650	243	3,854	161	4,447	V. 4,639
1961	Q.	19,873	3,715	13,076	19,039	36,664	Q. 55,703
	V.	546	155	3,472	316	4,173	V. 4,489
1962	Q.	21,888	4,303	11,439	17,341	37,620	Q. 54,971
	V.	680	150	3,531	288	4,361	V. 4,649
1963	Q.	21,077	6,515	10,872	10,559	38,464	Q. 49,023
	V.	675	236	3,551	163	4,462	V. 4,625
1964	Q.	21,449	8,177	11,388	7,123	41,011	Q. 48,139
	V.	693	288	4,671	108	5,625	V. 5,750
1965	Q.	22,710	11,464	12,067	17,140	46,241	Q. 63,381
	V.	779	267	5,779	258	6,825	V. 7,083
1966	Q.	34,601	12,815	10,705	26,711	58,171	Q. 84,882
	V.	1,303	337	4,358	506	5,998	V. 6,504
1967	Q.	25,816	7,248	11,462	47,997	44,526	Q. 92,503
	V.	912	224	5,831	1,220	6,967	V. 8,187
1968	Q.	23,110	11,329	12,556	53,656	40,995	Q. 100,651
	V.	789	359	6,251	1,168	7,399	V. 8,567
1969	Q.	25,557	12,345	11,134	51,788	40,037	Q. 100,854
	V.	984	311	6,271	1,209	7,566	V. 8,777
1970	Q.	33,668	54,853	11,837	67,004	100,358	Q. 167,360
	V.	1,353	928	7,298	1,558	9,579	V. 11,167
1971	Q.	39,440	47,012	11,047	50,764	97,499	Q. 148,263
	V.	1,635	968	6,822	937	9,425	V. 10,361
1972	Q.	37,650	9,711	9,226	30,028	56.587	Q. 86,615
	V.	1,693	522	7,293	581	9,508	V. 10,089
1973	Q.	38,510	14,014	10,325	49,123	62,850	Q. 111,973
	V.	2,132	899	8,209	1,173	11,241	V. 12,414
1974	Q.	17,083	9,667	8,830	76,036	35,661	Q. 111,617
	V.	1,087	788	6,995	3,106	8,870	V. 11,977
1975	Q.	15,032	5,529	11,352	40,318	31,914	Q. 72,232
	V.	1,058	670	9,078	1,610	10,806	V. 12,416
1976	Q.	14,972	6,998	11,263	28,843	33,233	Q. 62,075
	V.	1,091	1,077	9,673	878	11,841	V. 12,719
1977	Q.	22,454	5,548	11,849	30,116	39,851	Q. 69,967
	V.	2,137	1,156	10,786	1,085	14,078	V. 15,164
1978	Q.	28,248	8,850	15,307	31,709	52,905	Q. 84,614
	V.	3,154	1,605	17,928	1,873	22,697	V. 24,560
1979	Q.	33,995	10,581	16,716	42,943	61,273	Q. 104,216
	V.	4,300	1,898	20,259	2,689	26,457	V. 29,146
1980	Q.	42,252	12,238	16,475	35,225	70,966	Q. 106,191
	V.	4,672	2,302	18,037	1,781	25,011	V. 26,792
1981	Q.	45,144	14,035	17,568	37,485	76.747	Q. 114,231
	V.	5,413	2,309	22,258	1,874	29,982	V. 31,856
1982	Q.	42,223	18,046	18,672	34,043	78,942	Q. 112,986
	V.	4,823	2,524	26,379	1,702	33,726	V. 35,428
1983	Q.	45,039	20,736	21,955	28,709	87,730	Q. 116,439
	V.	4,883	3,539	34,365	1,435	42,787	V. 44,222
1984	Q.	41,646	15,581	21,579	34,724	78,806	Q. 113,585
	V.	4,461	3,262	28,323	1,736	36,046	V. 37,821
1985	Q.	34,247	20,280	26,580	38,402	81,107	Q. 119,509
	V.	4,823	3,639	40,905	2,498	49,366	V. 51,863

EXTENSION DIVISION

Lewie Creed, Brian Gillis, Friend Herring
Irwin Judson and Rory McLellan

The role of the Extension Division is to keep the fishing industry well informed and to provide feedback from the industry which can be used by the Department to develop sound policies and programs. This work includes information programs, fisheries promotion, assistance to fishermen and their organizations, provision of training and technical upgrading, assistance in planning port maintenance, development, encouragement and technical assistance to the aquaculture industry.

Three staff members have been providing this service to the fishing industry through personal contact in assigned areas of East, Central and Western ports in the Province. In August two additional staff were added to the division through funding from the Economic Regional Development Agreement (E.R.D.A.). These two new but experienced people are Rory McLellan with fishermens extension and Brian Gillis, aquaculture technician.

The staff performed a number of activities around the shores including attendance at port committee meetings and fishermen's information sessions, meetings and advice for industry associations, developing and progressing the individual business enterprises of the fishermen. The port meetings and liaison with port committees are used to develop and progress port needs and plans and require continual follow-up and interaction with a number of Federal Departments and Agencies concerned with the fishery. This extension service in the various areas of the Province served to keep the Department well informed of activities in the many aspects of the fishery and provided a presence for the Department in the fishing communities.

The staff members of the Extension Division were also responsible for administering and delivering the following programs in 1985.

INFORMATION

A number of information programs were organized or continued and carried out by the Extension Division during the year.

Radio Broadcasts

A weekly five minute radio broadcast covering fish prices and markets was produced by the Division during the period May 1, - November 30, 1985. The program was aired on radio stations CFCY, CHTN and CJRW on Saturday evenings.

As a special service to fishermen, the Extension Division sponsored marine weather broadcasts on the three local radio stations during the peak fishing period of April to November. This service was designed to assist fishermen by providing up-to-date weather information which they could use to make decisions on their fishing operations.

Another feature was incorporated and continued in this marine weather coverage again this year by making use of the commercial time at the radio stations to promote Island fish. A series of 22 different radio spots were prepared by the Extension and Production Divisions that were aired during commercial time with the Marine Weather. These ads promoted our fish barbecue program, lobster and sales of other fresh Island fish along with where they could be purchased throughout the Province.

Booth Displays

Display booths were placed at major fairs and exhibitions held throughout P.E.I. during the summer months. The purpose of the displays was to increase and promote general awareness of the P.E.I. fishing industry and the role of the Department.

Two summer employees, Stephen Younker and Des MacDonald were responsible for assembling the display and supervising its operation at the various events. The display was placed at Bedeque Days, Tignish Irish Moss Festival, Summerside Trade Show, Summerside Lobster Carnival, Northumberland Fisheries Festival, Tyne Valley Oyster Festival, Country Days and Old Home Week, Georgetown Days and the Kensington Harvest Festival.

Two events of special note were the St. Lawrence Scallop Festival where staff was involved in judging the scallop shucking competition and the Northumberland Fisheries Festival where the Department again sponsored the scallop shucking and fish filleting competitions.

Publications and Promotion

For the second year, the P.E.I. Department of Fisheries and Labour jointly sponsored a Bluefin Tuna Angling Tournament with the P.E.I. Department of Finance and Tourism. The tournament which offered $2000 in prizes was open to charter boat captains at all P.E.I. fishing ports with prizes going to anglers landing the five largest fish on a 130 lb. test line. The tournament was a useful promotion for P.E.I. Tuna charter operators with winners travelling from as far away as California to claim some of the prizes.

The exposure received was quite extensive for both visitors and Islanders alike considering that the circulation of "This Week in P.E.I." was in excess of 200,000 copies. As well, an extra printing of the advertisement was purchased and used in conjunction with the "Out of the Sea and Over the Coals" program and other promotions of the Department.

In conjunction with the Fifth Annual Convention of the P.E.I. Fishermen's Association in mid-November, the Extension Division presented a meal featuring P.E.I. seafood products.

On March 6th and 7th, the Third Marine Diesel and Electronics Show was held at the West Prince Centre, Elmsdale, when the Department assisted Mary Lou Rogers of Holland College to organize more than 30 exhibitors. More than 400 fishermen and people interested in Marine equipment attended the show, which included survival rafts and suits, diesel engines, fishing gear and supplies, and fish handling containers. Plans are for an even bigger and better show in 1986.

The Extension Division continued the popular promotion button with the logo "Serve P.E.I. Fish - It's Catching" with 15,000 being distributed at booth displays and other functions during the year.

The Extension Division revised and updated a number of species information pamphlets on lobster, cod, scallop, soft-shell clams, mackerel and smelts.

A fourth printing of brochures providing details on four assistance programs of the Department was carried out. These brochures provided details on eligibility, amount of assistance provided and method of application for the Diesel Engine Conversion Program, Aquaculture Incentive Program, Aquaculture Loan Program, Fresh Fish Market Assistance Program and the Onboard Fish Handling Program. In addition brochures were prepared and printed dealing with Fishermen's Holding units, Near and Offshore Fleet Development, Fishermen's Quality Enhancement, Fishermen's Investment Incentive, Processor Quality Enhancement, and Product Utilization.

A number of news releases on projects and programs of the Department were given to local news media and national and international trade journals. Promotional advertisements were also prepared for a number of local, regional and national publications.

TECHNICAL UPGRADING

Through the Technical Upgrading Program the Extension Division assisted fishermen and processors to travel outside P.E.I. to view new fishing gear and equipment, attend worthwhile industry meetings, or receive specialized training. During the year 1985 the following assistance was provided:

-Representatives from Four Ports Marine were assisted to travel to Yarmouth and study construction of fibreglass fishing vessels.

- North Lake Tuna charters was provided financial assistance to attend a sports fishing conference in Chicago.

- Dockside grader monitors and instructors were taken on a tour of New England to study American quality measures and standards. The individuals also helped to promote P. E. I. quality fish in New England.

- Crew members from Usen Fisheries were sponsored to attend a Marine Emergency duties course in Summerside.

As well, the division assisted a number of fishermen to attend industry consultative and information meetings.

PORT MAINTENANCE

The Department continued to provide for the minor maintenance and power consumption costs of 116 electrical services located at 53 Island fishing ports or shore sites. These services include wharf lighting systems and electrical outlets as well as water system pumps. This service ensures that adequate lighting and water supplies are maintained and functional for the convenience and safety of all port users.

In co-operation with the P.E.I. Department of Health and Social Services, the Extension Division helped co-ordinate a program which provided night watchmen at most major P.E.I. fishing ports. The watchmen were hired by Social Services through their Job Creation Program for social assistance recipients. The port

committees and the program were well received by fishermen. The presence of the night watchmen resulted in an almost total reduction in thefts and vandalism at the ports and supervision of boats, particularly during storm situations, was of great benefit to fishermen.

For approximately 15 years, the Extension personnel of the Department have been assisting fishermen's port committees to plan, apply for and administer job creation projects that produced better conditions at Island ports. The usual developments undertaken through these projects have been construction of fishermen's buildings and new wharf facilities. In 1985 the Extension Division paved a road around the baitsheds in Georgetown, provided funds to affect much needed repairs to baitsheds at Machons Point, and paid for machinery to dig drainage trenches at Higgin's Wharf. The division also provided gravel for Red Head Harbour at Morell and did some general repair to the Wharf at Mink River.

In addition, in late 1985 the Extension Division assisted Port Committees complete more than 10 Canada Works Project aplications for a number of improvements at P.E.I. fishing ports. Canada Employment and Immigration Officials have transferred these applications to the Section 38 program and they will be assessed by Small Craft Harbours and Canada Employment and Immigration Commission officials. Hopefully, a large number of these projects will be approved and benefit the fishing community.

FISHERMEN'S HOLDING FACILITIES

A Fishermen's Holding Facilities Program or Baitshed Program was reinstated during the fiscal year 1984-85. This program provides 75% of the material costs required to construct new fishermen's holding or storage units. The maximum grant is $1,000 per unit on new construction or $600 per unit for up-grading existing holding units, when feasible. There is restriction of limiting financial assistance to once only per fisherman.

During the 84-85 fiscal year fishermen were assisted at the following ports: Beach Point, 2 new units; Launching, 1; North Lake, 1 new and 1 repair; Rustico, 1; Victoria, 1; French River 1; Malpeque, 2; Darnley, 1; Summerside, 1; and Higgin's Wharf, 1.

To date, financial assistance during the fiscal year 1985-86 has gone as follows: Beach Point, 2; Georgetown, 3; Naufrage, 2; Malpeque, 5; Darnley, 2; Higgin's Wharf, 1; Milligan's Wharf, 1. Two more approvals are pending at the time this report is being written.

The proposed budget for 1986-87 would allow 18 additional approvals with written requests on file from at least 50 Island fishermen.

ECONOMIC REGIONAL DEVELOPMENT AGREEMENT

In June of 1984, the P.E.I. Department of Fisheries and Labour and the Department of Fisheries and Oceans signed a five year $10 million fisheries development sub-agreement as part of the Federal Provincial Economic Regional Development Agreement. The terms of the agreement call for $7.5 million in federal development spending over the five years and $2.5 million in new development initiatives by the P.E.I. Department of Fisheries and Labour.

The Extension Division provided support services to the Fisheries Management Committee which has been organized to co-ordinate fisheries programs under E.R.D.A. Membership of the Committee consists of the Area Manager, Department of Fisheries and Oceans, P.E.I., a staff menber of the Ministry of State for Economic and Regional Development representing the Federal Government, the Deputy Minister of P.E.I. Department of Fisheries and Labour in addition to a representative of Treasury Board representing the Province. The Committee regularly reviews fisheries programming under E. R. D. A. to ensure programs of both levels of government are complimentary to each other and to ensure effective response to the needs of the fishery.

E.R.D.A. has allowed the expansion of the Extension Division staff with the employment of a Fisheries Specialist and an Aquaculture Technician. As well two new programs have been provided.

FISHERMEN'S QUALITY ENHANCEMENT PROGRAM

The Fishermen's Quality Enhancement Program was designed to provide an incentive to bonafide P.E.I. fishermen to produce top quality groundfish and thereby realize new market opportunities. The program provided a bonus of 10% of the value of grade A groundfish sold to a P.E.I. processor whose license is valid for fish export.

The program was available to all P.E.I. groundfish fishermen who voluntarily submitted their catches for grading at dockside. Proof of the grade A designation was provided by certified dockside graders employed by the P.E.I. groundfish buyers.

Applications for the programs were provided to all groundfish fishermen in the fall of 1985. To December 31, 1985 a total of 176 applications had been received with 125 processed. Total payments to the 125 fishermen amounted to $108,345.64 for an average payment of $866.72.

TECHNOLOGY TRAINING PROGRAM

The purpose of the Technology Training Program was to ensure that training courses with a major emphasis on quality improvement are provided to the P.E.I. fishing industry.

Through the program the Department entered a cost shared agreement with Holland College to provide an instructor for fisheries technology courses. The addition of the new staff member, Don Morrissey, allows the fishing/processing sector access on a short course basis to the training developed by Holland College for their 2 year post-secondary program in Fisheries Technology. It also allows the Department to utilize Mr. Morrissey's expertise in offering short courses and seminars to fish processing employees during the processing season on an in-plant basis.

The Extension Division worked closely with the P.E.I. Department of Industry, Canada Employment and Immigration Commission and Holland College to organize training courses for the fishing industry. During March and April of 1985 approximately 50 students received training in Dockside Grading at courses held in Summerside and Souris. This valuable training provided the graders necessary for carrying out the Fishermen's Quality Enhancement Program.

The Division in co-operation with C.E.I.C., Department of Industry and Holland College have developed the following courses for the fishing industry for the winter of 1985-86: Dockside Grading, Marine Electronics, Fishing Masters 4th Class, Nets and Gear, Can Sealer Maintenance, Retort Operation and Quality Control. As well two Boat Refitting and Repair courses are being offered, one at Dundas and another at Westisle. These courses are funded on a cost shared basis between P.E.I. Department of Fisheries and Labour and Canada Employment and Immigration Commission.

These course priorities were decided in consultation with the fishing industry organizations through their participation in the Ad Hod Committee on Fisheries Training which is organized and chaired by the P.E.I. Department of Industry.

MAMMAL REMOVAL PROGRAM

The Department assumed responsibility for the removal and disposal of stranded mammals beginning in 1973 and in 1985 nine marine mammals i.e. harbour seals were identified at various shore locations and buried.

GENERAL

The Extension Division again co-ordinated a fish offal removal program during the herring and groundfish seasons. During the past two years market conditions for fish meal and the lack of equipment required to process the more oily herring waste had made it impractical to utilize the offal for fish meal. Problems have been encountered in the past with improper burial of the offal, therefore a major effort was made to use the offal for agriculture purposes.

Four farmers in Brudenell, Morell River and Winsloe made use of the fish waste as fertilizer. This method proved effective with the farmers plowing the offal under immediately after spreading thus reducing any problems of odor. Assistance was provided to remove the offal from the ports of Beach Point, Murray Harbour, Machon's Point, Graham's Pond, Morell and North Lake.

Staff of the Extension Division represented the Department on various industry committees including: Federal Provincial Atlantic Fisheries Committee Development and Quality Sub-Committees, the District 7 and 7B1 Scallop Advisory Committees, the District 8 Lobster Advisory Committee, the Seaplants Advisory Committee, the Marine Safety Advisory Committee, the Search and Rescue Committee and the Ad Hoc Fisheries Training Committee.

Division staff represents the Department on the Atlantic Bluefin Tuna Advisory Committee. This Committee develops management proposals on an annual basis for consideration and approval by the Federal Minister of Fisheries and Oceans.

Aquaculture

The Department continued its support for the development of aquaculture, particularly mussels and trout. Cultured mussel production continued its rapid increase in 1985 with landings nearly double those of 1984. Further expansion can be expected in 1986 as the number of seed socks set out in 1985 has increased by 50%over 1984. Two new processing establishments were constructed and will be in production by 1986.

This industry has become a significant employer on Prince Edward Island as it has employed approximately 100 people in 1985. It is important to note that much of the employment is created during the winter months when cultured mussel harvesting is in full swing and other fishing employment opportunity is low.

Trout production has continued to rise slowly, however at 37,000 pounds the industry is not experiencing the dramatic growth of the mussel industry. Three privately-owned hatcheries now exist in the province and produced approximately 106,000 rainbow trout fingerlings. A late spring combined with early freeze-up and an unusually heavy attack of the newly discovered **Stephanostomum** parasite combined to keep food fish production low in 1985. Fingerling production is expected to rise significantly in 1986. Test marketing of Prince Edward Island trout in Toronto has shown encouraging results. These efforts will be useful in developing new markets as production rises above the level that local outlets can absorb.

In co-operation with the National Research Council a student was assigned the task of compiling a handbook of trout culture practice on Prince Edward Island. When edited into a final version the handbook will be useful for handout purposes in response to requests for information by the general public as well as serving as a source book for new and existing growers.

Reorganization within the Department has added one full time staff member and returned responsibility for a number of summer projects to Aquaculture. As well the Department has had the opportunity to participate in the development at Holland College of an Aquaculture Technology program as approved by the Maritime Provinces Higher Education Commission.

In response to requests by the mussel growers, a mussel larvae analysis activity was added to the on-going mussel meat analysis. Twenty-three different growers were supplied with weekly reports on the meat yield of their mussels as well as the concentration of mussel larvae in the water in their area of operation. The growers found this information to be of great assistance in planning both their spatfall collection effort and the time of setting out their seeded socks.

Taking advantage of the Provincial Youth Development Program, the Department was instrumental in supplying fifteen students to fourteen trout and mussel growers for the purpose of gaining job-experience.

Aquaculture Incentive Program

1985 marked the fourth year of the Aquaculture Incentive Program which was devised with assistance in its design by the Trout Growers Association and Cultured Mussel Growers Association. The form of assistance depended upon whether (a) a mussel operation or (b(a trout operation is being established.
(a) Mussel Growing: A bouy stockpile was established upon which a mussel grower may draw up to 1,000 buoys. As the initial rush of entrants to the industry has passed, the number of new participants was down in 1985 with a total of 1,775 buoys valued at $4,078 provided to six mussel growers.

A total of 25,800 buoys valued at $61,638 have been provided to 38 growers over the four years the program has been in existance.

(b) Trout Growing: The trout grower submits his proposal for development of his trout operation and indicates the specialized items for which he desires assistance to a maximum assistance of $2,000. In addition, the grower may be forgiven the costs of up to 500 fingerlings for the first year. Four trout growers received a total of $4,303 in repayable assistance during the year and 2,000 fingerlings valued at $1,391 were provided.

Seventeen trout growers received a total of $15,273 in repayable assistance as well as 8,000 fingerlings valued at $4,276 in the first four years of the program.

With the exception of fingerlings the grower is required to repay the value of the assistance plus interest. When the assistance is repaid in full on or before the date of maturity, an incentive grant in the form of a 25% deduction of the Capital advance will be allowed.

Aquaculture Loan Program

The Aquaculture Loan Program, formerly known as the Mussel Loan Guarantee Program, was broadened in 1985 to include trout growers. Correspondingly, the ceiling of support available to the trout and mussel culture industry was raised to $500,000 from $250,000 with the maximum available for any one operation remaining at $75,000. Initiated in late 1983 to provide confidence in the aquaculture industry to the financial community, the program has supported loans through the Prince Edward Island Lending Authority in the amount of $220,732. The program is available to bonafide mussel and trout growers possessing the necessary leases and

licenses as well as at least two years pilot scale experience who wish to scale up to a commercial operation.

Malpeque Oyster Cultures Inc.

The facilities at Malpeque Oyster Cultures Inc. in Freeland have been mothballed since June 1985. Since 1982 the facility had been on loan to the Prince County Shellfish Association for the purpose of quahaug seed production.

Other Aquaculture Activities

The oyster industry had a healthy year with landings among the highest since the period 1900-1905. Oysters were the second most valuable fish species (after lobster) of the Prince Edward Island fishery in 1985. Among the reasons which must be credited are the development programs carried out by the Department during the 1970's which are now showing their effects. Oyster bed creation and improvement through oyster transplanting and shell spreading have been integral to the dramatic rise in production.

The Department provided a grant of $2250 for a night watchman in the heavily leased areas of Prince County. The 1984 construction of a sand fence to mend a break in the barrier beach at Freeland has shown excellent results in its first year repairing the dune.

Following a catastrophic event of high water temperatures and low oxygen levels in West River in 1984, attention finally was focused on the effects of the causeway on water exchange rates and the deteriorating habitat for fish. Engineering work was initiated during the year which has culminated in a project by the Department of Transportation and Public Works to provide a new opening at the site of the original channel. The new opening is expected to improve water exchange rates to 90%from the present 25%. The Department has provided substantial input to the planning of this project and is providing leadership in planning shellfish enhancement and re-development projects following the re-opening of the causeway.

The Prince County Shellfish Association held a day long convention on the Prince Edward Island oyster fishery in February. Assistance was provided by the Department in planning, conducting and hosting the convention.

PRODUCTION AND MARKETING DIVISION

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The Production and Marketing Division provides services to the fishing industry in recognizing market potential for fish and seafood products and working with the industry toward meeting this demand. As well, product availability is identified and markets are sought which offer adequate returns to the industry. Major objectives of this Division are:

-- To promote the consumption of fish products both locally and outside the Province.

-- to provide market intelligence to the industry which can be used to reach informed decisions on markets and product forms best suited to local employment and economic returns.

-- to monitor the supply of raw material with particular emphasis on ensuring P.E.I. participation and fair share of quota allocations.

-- to provide a service to the industry in test marketing new products and to encourage the development of an improved fresh fish industry on P.E.I.

The Division, in conjunction with the Processing and Quality Division, works with the fishing industry in developing new products for expansion and modernization of processing capability in order to achieve the objective of more added value to the fish products of P.E.I.

A brief description of the programs and projects carried out by the Production and Marketing Division during 1985 follows:

1. Product Utilization and test production

These programs were designed to support the marketing function by developing and assisting in projects to evaluate new market opportunities identified within the fishery.

a) Salt Herring and Frozen Fillets

Herring has been landed in increased quantities, especially in the eastern section of P.E.I. in the last three to four years. The European market for herring products has been very poor due to increased quantities of herring being landed in their own waters. P.E.I. herring processors have been able to process some herring products but large volumes have been sold out of Province in the round form and in

the case of herring carcasses (roe out herring), large quantities were dumped in pits and farmers' fields. Working with a Halifax broker, markets were secured in the U.S.S.R. for 20,000 barrels of salt herring plus a market for a quantity of herring fillets for Europe.

The Department purchased the required barrels in a bulk order from Holland due to no local supply being available, stored them, and in turn sold them to the local processors as required.

Although the herring was late in arriving in P.E.I. waters and was landed rapidly, over half the order was filled by the four processors involved in the project namely, Wendell Graham (1981) Ltd.; Murray Harbour Seafoods; Keeping and MacKay; and Babineau Fisheries.

It is anticipated that this new development in herring marketing will continue and be expanded to include additional processors in future years.

b) **Ocean Quahaugs**

Ocean Quahaugs were found in the waters of Prince Edward Island a number of years ago. Numerous attempts have been made to process (can) and market ocean quahaugs with limited success. Fishermen have been forced to leave this resource in the water and have requested that the Department seek out uses for this species.

The U.S. market appears to hold some promise for live quahaugs but they must be graded to size. With this in mind, the Department entered into a contract with Sheen's for Seafoods to develop a market for this species. Assistance was provided for the purchase of an ocean quahaug grading machine known as a Hygrader.

Some preliminary work was carried out in 1985 and a seminar, organized by the Extension Division, bringing processors, buyers, fishermen and government representatives together will be held early in January 1986 with the aim of having a profitable organized fishery during the 1986 fishing season.

c] **Fresh Fish**

Work continued in marketing fresh groundfish to the New England area of the U.S. in 1985, the third year for fresh fish marketing from P.E.I. The Division again organized a series of meetings early in the year with all groundfish processors to discuss items and co-ordinate activities in dockside grading, grader monitoring, fresh fillet sales, etc.

The aim of the Department continues to be the production of fresh groundfish fillets on P.E.I. thus retaining jobs in the Province. With this in mind, a contract was entered into with Abegweit Seafoods and Milligan Fisheries to assist in equipping the new plant at Naufrage Harbour with a wet fish fillet line. The establishment of this plant will mean increased value added on P.E.I. and additional employment in the eastern area of the Province.

P.E.I. processors are continuing to direct efforts to producing fresh groundfish fillets and it is expected this trend will continue.

d] Snow Crab

P.E.I. has been attempting to secure an entry into the Snow Crab fishery for many years. In 1985, sixteen permits were granted and an experimental fishery took place with almost two million pounds of crab landed on P.E.I.

In an effort to assure that as much crab as possible is processed within the Province, projects were carried out with Island Processors, For example, a contract was entered into with North Shore Packing Company during the spring season to process various crab products for the first time at this plant. Assistance was provided for the purchase of equipment necessary to produce crab sections for test marketing in various markets. Other projects are being planned which will enable processors to be in a position to process and market additional quantities of crab when the season begins in April 1986.

e] Hake Fillets

A project was carried out with Howard's Cove Seafoods in Howard's Cove, P.E.I. to determine the feasibility of their Company carrying out this value added process. Round hake was processed to the fillet form during the period July 15 to August 10, 1985 to determine costs and returns from this process. Corporate decisions may now be based on actual data resulting from this project.

f] Herring Roe

In an effort to utilize as much herring as possible on P.E.I., a project was entered into with Bluenose Fisheries (U.M.F.) in North Lake, P.E.I. to process herring roe during the fall herring fishery. Assistance was provided for leasing and purchasing needed equipment for the three week project. It is anticipated that with this experience gained, the Company will process additional quantities -- thus creating value added products on P.E.I. in 1986.

Beach Point Co-op

Assistance was provided to the Beach Point Fishermen's Co-op to expand the capability of this plant to process species other than lobster. Activity at the facility in the fall of 1985 included salt fish production and the marketing of fresh fish and herring for the Co-op's fishermen.

FRESH FISH MARKET ASSISTANCE

a) Grants

The consumption of fish per capita in Canada, and even in Prince Edward Island is much lower that other fishing nations. Fish must compete with other food items for the consumer's attention and ultimately the consumer dollar. To encourage the availability of fresh fish to local consumers and visitors and to provide further outlets for the fishermen's product, the P.E.I. Department of Fisheries and Labour designed the Fresh Fish Market Assistance Program.

The program provided for 50% of the capital costs of the fresh fish facility and equipment to a maximum grant of $5,000. In 1985, several establishments were assisted, as well, retail outlets which were set up in previous years received further assistance where eligible. At present, 25 outlets have been assisted under the program, providing upgraded existing outlets and establishing completely new retail outlets and peddling operations.

Also under this program the efforts of fresh fish markets and food stores presenting good quality fresh fish were emphasized. The improvement in quality of fresh fish has generally increased consumption. The promotional aspect also played a major role. Posters, display materials, recipe booklets and other materials were provided to the retailers. As well, technical advice on handling fish was provided.

b) Educational Tour

A seafood educational tour to Boston for fresh fish retailers from P.E.I. was sponsored by the Department of Fisheries and Labour in March of 1985.

All retailers of fresh fish on P.E.I. were contacted and from those who applied, six were chosen, one from Prince County, three from Queens County, and two from Kings County.

The retailers attended the Boston Seafood Show "Seafood '85 which is considered the world's largest and most comprehensive exhibition of seafood products. An educational seminar "Focus on the Seafood Buyer" was attended by the group. Also several retail and wholesale seafood operators were visited in the Boston area. The tour group also visited the Boston Auction, where fresh fish is auctioned daily from the fishing vessels along the New England Coast.

c) **Retail Seminar**

A one day seminar for approximately twenty-five seafood retailers was held in March. Nine speakers covered topics ranging from how to identify and care for quality seafood to the variety of promotional materials available. Key note speaker for the seminar was Bob Covert of "A.C.Covert Ltd.", a seafood wholesaler from Halifax. Mr. Covert outlined how a seafood distribution system is set up and the problems encountered. The program was well received with requests made for additional seminars.

d) **Retail Newsletter**

A quarterly newsletter was sent out to all Island seafood retailers. The purpose of the newsletter was to provide pertinent information on quality control, seafood availability, etc., and to assist the retailers in increasing their seafood sales. Approximately fifty retailers received the "Seafood ..." newsletter that was issued in the winter, spring, summer and fall. Inserts in the newsletter included sample copies of brochures and folders on November Fish and Seafood Month programs. Additional copies of the newsletter were available as training material for staff of seafood retail outlets.

TRADE SHOWS

a) **Seafood '85 [Boston, U.S.A.]**

Attendance at "Seafood '85" was carried out in conjunction with P.E.I. Seafood retailers. This trade show provided information on not only the New England area, but other areas of the U.S. and Canada as well since the show was widely represented. Visits were also made to fresh fish processors in Boston. Various seminars were offered at the Seafood Show which emphasized consumer demands, the importance of quality, the species of seafood in demand, what seafood buyers look for, and the problems with seafood being supplied to retailers and restaurants.

b) **Food and Hospitality Show [Calgary, Alberta]**

Representatives of the Production and Marketing Division participated in this show for the third consecutive year. The Alberta Food and Hospitality Show is sponsored by the Alberta Restaurant and Food Service Association and is attended by a wide range of interests in the food and restaurant trade. During the show, a wide variety of Island products were made available for sampling.

Trade leads were passed on to the P.E.I. seafood industry and the presence of the Department at this show helped demonstrate P.E.I.'s interest in the Western market. Utilizing the contacts made at this show, Island suppliers have increased sales in a number of areas.

Additional efforts will be made in regard to promoting P.E.I. seafood in Alberta in 1986.

c) **Seafood Exhibit and Reception [Edmonton]**

In conjunction with the Food Show in Calgary, a three hour reception featuring Island seafoods was held in Edmonton. Attending the seafood exhibit were invited representatives of the Edmonton food service industry as well as distributors of P.E.I. products. Exhibited were Island Blue Cultured Mussels, Malpeque Oyster, Abegweit Rock Crab, smoked fish, salt water reared rainbow trout, along with a range of other products. Substantial increases in seafood sales resulted from the exhibit.

d) **Viva**

P.E.I. seafoods were promoted at VIVA '85, a consumer food show held in Montreal. During the five day event, 35,000 consumers visited the show and had the opportunity to collect seafood brochures, view slides of the mussel industry and sample Island Blue Cultured Mussels and Abegweit Rock Crab.

The Division also assisted Julie Watson, an Island Seafood cookbook author, to attend VIVA '85 show in Vancouver to promote Island Seafoods.

PROMOTION

A wide variety of promotional activities are carried out by the Production and Marketing Division. The purpose of these activities is to familiarize the public with the wide variety of Island seafoods available and to encourage consumers to prepare seafoods more often. Different promotions are designed especially for consumers, retailers, educators and foodservice representatives.

a) Seafood Barbecues

Out of the Sea and Over the Coals - - The previously successful barbecue promotion program was revised and carried out in National, Provincial and private campgrounds from June to September. Two teams of summer students travelled to the campgrounds and conducted a one-hour demonstration concentrating on how to barbecue seafood. The demonstrations also covered topics such as the value of the Island fishery, other methods of cooking seafood, and the nutritional value of seafood. Those attending the demonstration had the opportunity to sample the barbecued fish, collect various recipe brochures, ask questions and receive information on where fresh seafood could be purchased. Approximately 2,500 people attended these barbecues.

Special Events - - In addition to campground demonstrations, the Out of the Sea and Over the Coals staff participated in twenty-six special events. These events ranged from Senior Citizens Days to various fairs and festivals around the Island. Using a loud speaker system, a brief explanation on barbecued seafood was carried out, followed by the distribution of samples of barbecued seafood. Approximately 2,500 individuals were served at these special events. The fairs and festivals attended included: St. Lawrence Scallop Festival, Souris Days, Minimegash Days, Northside Strawberry Festival, Northumberland Fisheries Festival and the Blueberry Festival.

b) Test Kitchen

The test kitchen facility serves as a base of operation for all summer staff working on promotional activities. As well, the fully equipped kitchen is used when developing and testing recipes or carrying out research on seafood. In addition, the kitchen is used when preparing for demonstrations and displays.

This fully equipped kitchen may also be used by the industry upon request.

c) Seafood Demonstrations

(1) In-store -- During February and March, a series of in-store demonstrations were carried out in Island stores. A total of 17 demonstrations were conducted in eight different supermarkets in the Montague, Summerside and Charlottetown areas. A variety of seafood dishes were prepared in these stores using seafoods ranging from codfish and sole to mussels and salt fish. Samples of these seafoods and appropriate recipe brochures were available to consumers.

The public appreciated the quality of the frozen seafood and were pleasantly surprised to learn that some seafoods, such as mussels were available fresh during the winter months.

Additional in-store demonstrations were held throughout the year in response to specific requests, at locations including: Central Farmers Co-Op, Confederation Court Mall, K-Mart Foods, Summerside Co-Operative, and the West Prince Farmers Market.

(ii) Booth Demonstrations

A summer employee carried out the demonstrations in conjunction with the display booths that the Extension Division placed at major Island fairs. The eight fairs attended were: Tignish Irish Moss Festival;, Bedeque Days; Georgetown Days; Lobster Carnival; Northumberland Fisheries Festival; Tyne Valley Oyster Festival; Old Home Week; and Kensington Harvest Festival. The demonstrations attracted many people to the booth who wished to sample the seafood, collect recipes, or ask questions. Based on this positive response, the booth demonstration program is expected to continue.

(iii) Boy Scouts

Several meetings were held in the early part of 1985 by the Provincial Department of Fisheries, Agriculture, Tourism, Forestry and the Development Agency to make plans for and to equip a booth for the 1985 Canada Boy Scout Jamboree in Guelph, Ontario on July 3 - 13, 1985. The theme for the Canadian display at the Jamboree was "Gateway to Canada" which welcomed over 20,000 Boy Scouts and visitors.

The P.E.I. Department of Fisheries was present, with one section of the P.E.I. display devoted to education on the P.E.I. fishery. Several thousand booklets, brochures and other promotional material was passed out by the Fisheries staff at the Jamboree.

Many questions pertaining to the P.E.I. fishery and seafood products were responded to by the Department Staff. The next Canadian Boy Scout Jamboree will be held on P.E.I. in 1989.

(iv) Other Events

A variety of consumer demonstrations were carried out as requested by groups including community schools, Womens Institutes and Church groups. Special displays were set up for events such as the West Prince Shellfish Salute, the P.E.I. Tourism Industry Association Annual Meeting, and the West Isle Marine Show. In

addition, three classes on seafood were carried out in co-operation with Holland College.

d) **Promotional Material**

(i) Mussel Brochure and Poster -- A brochure containing general information on Island Blue cultured mussels was produced. Prince Edward Island Cultured Mussels, the "How - To" Booklet also featured twelve mussel recipes.

A full colour poster on Island Blue Cultured Mussels was produced in co-operation with the P.E.I. Development Agency.

(ii) This Week on P.E.I. -- An attractive, full-colour, two page advertisement, promoting fresh fish was inserted in the "This Week On P.E.I." publication. The ad, which was cost-shared with the P.E.I. Development Agency, featured a colour photograph of Island seafoods and a listing of 42 retail establishments on P.E.I. where fresh fish could be purchased.

In addition to the 200,000 copies circulated to tourists, an Island edition of "This Week on P.E.I." was distributed to all Island households.

Extra copies of the advertisement were used in conjunction with the "Out of The Sea and Over the Coals" program and other Department promotions.

A one page ad on seafood was also placed in the winter edition of "This Week on P.E.I.".

(iii) Folders and Bags -- Using a sketch of an Island fishing harbour, 9" X11½" folders and 15"X 16" plastic bags were designed and produced for use in various promotions. The inside page of the folder outlines the Island fishing industry. The bags, which are printed on both sides, will be used primarily at trade shows.

(iv) General -- An assortment of promotional materials, including brochures, posters, hanging mobiles, pins, aprons, and stickers were reprinted and used in efforts to gain increased exposure for seafoods. These materials were distributed in response to numerous requests from retailers, consumers and educators.

The publication entitled "Seafood..." received a number of revisions and was reprinted for general distribution.

Four pages on the Island fishing industry were placed in the new "Prince Edward Island Souvenir Colouring Book".

e) **Advertising**

Advertisements on the variety and availability of Island seafoods were placed in newspapers and magazines throughoutt the year and regular consumer articles were inserted in a local paper.

In conjunction with the Marine Weather placed on Island radio stations by the Extension Division, 30-second commercial spots on seafood were aired. These ads promoted the barbecue program, as well as the various species of fish available on P.E.I.

Through the "Telegraphics Computer Terminals" set up at strategic locations on P.E.I., N.B. (Aulac) and N.S. (Caribou) information was made available to the public on the Island fishery, locations of barbecue demonstrations, dates for fishery festivals and ways to prepare seafood.

f) November Fish and Seafood Month

Cooking Contest -- To launch the eighth Annual November Fish and Seafood Month promotion, a cooking contest was held between government, industry and media representatives. Each contestant prepared a favourite seafood dish with Lorne Yeo of the Guardian/Patriot being declared the winner.

General -- Advertisements promoting the consumption of seafood included a series of radio ads and newspaper advertisements. A one page ad in the November issue of the "Charlottetown Monthly Magazine" was cost-shared with the P.E.I. Development Agency.

Other promotional activities included mail-outs to retailers and Home Economics teachers, the placement of posters and brochures in retail fish outlets and the distribution of numerous press releases.

STATISTICS AND MARKET INFORMATION

A primary purpose of this function is to acquire and make available to the Department and to the industry, detailed and timely statistical information on all segments of the fishery in the Province. Information was updated in such areas as fish landings and values, seafood production, fish processors and their products, employment levels in fishing and other related topics. As well, publications containing this type of information were prepared and released.

(a) Fish Price and Market Report

The compilation of this weekly report involved the collection of fish prices and market conditions and was provided to the fishing industry through the Department's radio program and regional newspapers. This data was collected at the end of each week to give a view of the previous week's prices. A selected number of processing plants on P.E.I. and a number of fishery representatives from the other Atlantic provinces were contacted for fish prices. Maritime fish prices were confirmed through a weekly telex supplied by the Department of Fisheries and Oceans in Halifax. Information on prices and market trends for the Eastern United States was received through the National Marine Service in Boston, Mass.

b) Statistical Review

The fisheries Statistical Review was compiled to present a historical overview of P.E.I.'s fishing industry. This document provides statistical information from

1919-1984. The Review consists of fish landings and values by species and by district, average prices received by P.E.I.fishermen, seafood products produced by each of the Atlantic Provinces, exports, numerous graphs, and other related fishery data.

c) **Tuna**

This Division annually monitors and analyzes tuna fishermen's catch records to provide a base for future management decisions.

The Canadian Bluefin fishery began in the 1920's in the Bay of Fundy. The fishery was so successful and popular that in 1935, the first International Tuna Cup Match was held in Wedgeport, Nova Scotia. The tournament continued until 1958, when due to two successive years of no fish, the tournament was suspended. The tuna fishery expanded to Newfoundland and reached its peak there in 1968. The decline of the fishery in Nova Scotia and Newfoundland contrasted sharply with the expansion of the bluefin fishery off the coast of P.E.I. in 1967. By the 1970's P.E.I. became the centre of tuna fishing in Atlantic Canada.

The P.E.I. bluefin fishery has grown from a total of five fish landed in 1967 to a high of 1,048 fish landed in 1974. The allowable quota for 1984 and 1985 was 660 fish. In 1984, 392 tuna were landed by P.E.I. fishermen, while in 1985, 221 tuna were caught.

The "tended line fishing method" was introduced to this fishery in 1981. Rod and reel fishing continued from some ports by those fishermen who chartered their fishing boats. Approximately 203 bluefin tuna were landed in 1985 by the tended line fishing method while 18 bluefin tuna were landed by rod and reel.

The average weight of tuna landed in 1985 was 1,023 lbs., with the largest tuna weighing 1,400 lbs. For comparison, in 1984, the largest tuna weighed 1,304 pounds and the average weight of all tuna landings was 1,007 pounds.

In 1983, the largest tuna weighed 1,317 pounds and the average weight of all tuna landings was 956 pounds while in 1982 the largest tuna weighed 1,235 pounds and the average weight was 895 pounds.

Following is a summary of the number of tuna landed by port for the past four years.

PORT	1982	1983	1984*	1985**
Skinners Pond	6	-	-	-
Sea Cow Pond	40	444	219	7
Tignish	187	-	-	95
Malpeque	1	3	-	-
North Rustico	14	22	2	5
French River	-	15	1	1
Stanley Bridge	-	4	-	-
Tracadie	-	2	-	4
Savage Harbour	5	18	1	7
Morell	4	17	7	15
Naufrage	10	61	44	34
North Lake	44	103	46	39
Souris	-	1	-	-
Fortune	3	-	-	-
Annandale	1	1	3	2
Graham's Pond	6	10	-	1
Beach Point	29	46	10	4
Murray Harbour	42	42	1	7
TOTAL	392	789	334*	222**

* Additional landings of 58 by P.E.I. fishermen in N.S. ports for a grand total of 392.

** Preliminary

A world record was established on September 26, in North Lake with respect to the use of the 80 lb. test line. Dr. Jack Steffey of Pomonay, California landed a bluefin tuna weighing 1116 lbs. The previous world record of 1055 lbs. was also held in North Lake for the 80 lb. test line.

This Division produced a pamphlet on the Bluefin Tuna Fishery which consists of information on migration and distribution, methods of capture, handling and marketing, landings by Provinces and by ports within P.E.I. and other general related facts. The pamphlet was distributed to tuna charter establishments, interested processors, school children, and, in general, was used as a reference for numerous requests on this fishery.

d) Products Directory

Information was collected from P.E.I. Seafood Processors to be used in the completion of the Seafood Products Directory. This directory will be a buyer's guide for seafood produced in the province and it will be distributed locally and internationally as requested.

e) Resource Monitoring

The Resource Monitoring Program was an Island wide project employing one person in each of the three counties to monitor the commercial landings of a variety of fish species landed. The primary data collected was the length frequencies of fin fish, meat counts in scallops, and herring and mackerel fat content analysis.

Table 1 below indicates the number of each species of fish from which data was collected and the average length of these species in the commercial catch.

Table 1: The mean length frequencies and number of mackerel and herring measured from the commercial catch on P.E.I., 1983-1985 inclusive.

Fish Species	Number Measured			Mean Length (cm.)		
	1983	1984	1985	1983	1984	1985
Mackerel	1297	5779	3060	33.5	33.2	33.6
Herring	3294	6600	1957	30.1	28.9	28.7

The length frequencies of cod have been taken on a variety of gear types, (i.e. 65' dragger, pair seine, single dragger, gill nets, longline, handline (jig) and offshore draggers) for many years.

From 1982 to 1985 inclusive, the mean length of cod caught by the offshore draggers was 57.5 cm. A comparison of all inshore gear combined for cod, from 1982 to 1985 inclusive, gives a mean length frequency of 54.3 cm. The mean length frequency for inshore cod catches has been on the decline in the past three years (i.e. 1983 -- 56.3 cm. 1984 -- 53.6 cm., 1983 -- 52.6 cm. (.

Hake landings were down this year in comparison with the past several years. Table 2 gives a comparison of mean length frequencies of hake in cm. from 1982 - 1985 from the different gear types.

Table 2: Mean Length Frequencies of Hake (cm) from 1982 - 1985 from Different Gear Types

GEAR TYPE	1982	1983	1984	1985
Danish Seine	64.7	67.4	55.4	60.6
Pair Seine	65.2	62.9	62.5	61.1
Single Dragger	61.9	63.2	62.5	59.0
Nets (Head Off)	54.6	56.1	55.6	56.4
Longline	67.5	71.8	68.5	73.5

With Redfish being a major species caught by the offshore draggers, length frequencies have been collected over a number of years. Table 3 below gives the results of that data for redfish from 1980 to 1985 inclusive.

Table 3: Mean Length Frequencies of Redfish (cm) and number measured from 1981 - 1985.

Year	Total Measured	Mean Length
1985	1785	29.2
1984	6626	31.9
1983	4363	31.7
1982	5206	30.9
1981	2669	30.9

The following species of flat fish: Flounder, Greysole, and Yellowtail were checked for length frequencies at various harbours around P.E.I. during the Resource Monitoring Program. Table 4 gives these results.

Table 4: Flat Fish Species and Mean Length Frequencies in cm. during 1985 with a Comparison with 1984.

Fish Species	Mean Length Frequency (cm.)	
(Cm.)	1984	1985
Greysole	38.1	42.4
Yellowtail	29.0	29.8
Flounder (Dabs)	37.5	37.1
Blackbacks	29.5	29.6

The data collected under this program is useful for market research work and can be used as a guide to indicate the size of fish landed. The fat content of herring is a good indicator to identify fish for the smoking process. This program also provides basic information that helps access the province's position within the various fisheries management and industry development strategies. Data collected, particularly relating to hake landings, was provided to the D.F.O. Gulf Region Headquarters in Memramcook, New Brunswick. This data was placed on computer for further analysis.

(f) General

A Lobster Fishing District Map was compiled by this Division. This colour coded map is composed of the 28 districts making up the Atlantic Region. Information with respect to each district is provided on the minimum carapace size limit and on the season.

The Fishery Statistics Pamphlet was reprinted to reflect annual up-to-date information. This pamphlet is used as a quick guide to research fishery statistical data, and is used in all information packages.

A computer was purchased and installed this year in the Department. Programs were established to reflect statistical data such as Resource Monitoring, fish prices and landings and detailed information on the bluefin tuna fishery. Further statistical data will be applied to the computer.

The P.E.I. Department of Fisheries Library was updated this year by Division personnel. This library is now available for use by our Department and the general public.

General

The Marketing Working Group formed by the Division in 1983, with representatives from fishermen and processors organizations and government Departments and agencies, met during 1985 to formulate marketing strategies and improve communications with relation to marketing activities.

Staff of the Division also represented the Department on a number of species management committees during the year, namely: The Atlantic and the Gulf Groundfish Advisory Committees; Snow Crab Advisory Committee; Small Pelagics (Herring and Mackerel); Bluefin Tuna; and Lobster Management Committees in Districts 7B, 7B1 and 8. These Committees develop management proposals on an annual basis for consideration and approval by the Federal Minister of Fisheries and Oceans. Provincial representation helps to ensure the interests of the Provinces are maintained through the negotiation procedure.

Division staff also held membership on the Countervail Committee, the P.E.I. Marketing Council, the Department of Industry's Small Business Review Committee, the Province's Export Development Strategy Committee, the Department of Transportation's Working Group, the D.F. O. Working Group studying Enterprise Allocations in the Groundfish fishery and as well was the Department's representative to the negotiations in the Resource Short Plan Program.

The Division also carried out shipments of quantities of various seafood products for test marketing purposes both nationally and internationally.

DEPARTMENT OF FISHERIES & LABOUR

P.E.I. LOBSTER LANDINGS AND VALUES

(1920 - 1985)

V = Values in ($000's)
Q = Quantity in millions lbs.

	Q	V		Q	V
1920	8.3	703.9	1950	9.9	1,963.0
21	6.4	255.3	51	8.3	1,702.0
22	8.8	651.4	52	8.4	1,849.0
23	9.7	878.8	53	7.0	1,997.0
24	6.5	564.8	54	7.4	1,977.0
25	7.9	661.1	55	8.3	2,324.0
26	6.6	601.8	56	9.7	2,725.8
27	6.3	617.1	57	8.5	2,456.3
28	6.6	553.1	58	8.0	2,510.2
29	7.4	621.5	59	8.4	2,843.2
Avg. 20's	7.5	610.9	Avg. 50's	8.3	2,236.8
1930	8.1	539.7	1960	10.1	3,212.3
31	9.4	553.7	61	9.5	3,055.0
32	11.5	551.7	62	8.7	3,218.9
33	9.2	396.2	63	7.4	3,155.8
34	7.7	536.0	64	7.8	4,210.8
35	6.4	467.8	65	8.8	5,176.6
36	6.0	544.4	66	7.9	3,925.7
37	5.8	524.8	67	9.0	5,228.8
38	7.1	458.8	68	8.7	5,328.9
39	7.0	464.4	69	8.3	5,375.8
Avg. 30's	7.8	503.8	Avg. 60's	8.6	4,188.9
1940	5.6	353.9	1970	8.7	6,231.2
41	6.0	469.2	71	8.3	5,860.6
42	6.4	694.8	72	7.3	6,360.8
43	6.0	999.9	73	7.7	7,503.2
44	6.6	1,149.7	74	6.2	6,347.0
45	8.1	1,503.6	75	8.6	8,135.5
46	7.9	1,962.7	76	8.5	8,510.5
47	6.2	1,070.0	77	9.1	10,012 0
48	6.5	1,411.9	78	11.1	16,648.6
49	6.8	1,388.4	79	11.8	18,073.9
Avg. 40's	6.6	1,102.4	Avg. 70's	8.7	9,368.3
1980	11.8	15,458.0	1983	15.5	29,056.1
1981	11.9	18,519.0	1984	13.6	23,137.0
1982	12.2	22,599.0	1985	15.0	33,591.0

General Facts:

Total No. of P.E.I. Fishermen and helpers (approx.)	3,000
Total No. of bonafide Fishermen	1,370
Total No. of Commercial Fishermen	2,029
Total No. of Vessels -- Inshore	1,499
--offshore	7

Licenses by species:	
Groundfish	944
Herring	883
Mackerel	1,036
Salmon	5
Tuna	349
Scallops	392
Lobster	1,306
Gaspereaux	667
Eels	264
Silversides	29

Total No. of Employees in Processing Plants	
Minimum	850
Maximum	2,000

Total No. of Provincial Licensed and Federal Registered Export Plants (not including buying stations)	34
Total No. of Provincial Licensed non-export plants	14

SOURCE: D.F.O.

PROCESSING AND QUALITY DIVISION

Don Judson, Lloyd Murphy, Lynn Wall

The role of the Processing and Quality Division is to increase the availability and utilization of raw material, encourage innovative processing techniques to satisfy market demand and improve fish quality for the consumer. Three personnel act as a resource centre for the fish and seaplant processing sectors. The Division implements the Prince Edward Island Fish Inspection Act and Regulations, Processors' Quality Enhancement Program, Fleet Development, Diesel Engine Conversion and Commercial Fishermen's Investment Incentive Programs. Support is also provided to the processing sector in the preparation of financial packages for new development and loan guarantees.

Activities undertaken during the twelve months ending December 31, 1985 follow:

Fish Inspection Act:

The Prince Edward Island Fish Inspection Act and Regulations give the Province authority to ensure that seafood is purchased, processed and marketed under sanitary conditions.

Each registered non-export facility is routinely examined to determine if plant construction and sanitation regulations are adhered to.

During the 1985 season, 134 fish buying licenses and 43 non-exporting fish processing licenses were issued.

In July, 1985, a Processing Technician was added to the Processing and Quality Division. Part of the duties included monitoring all processing establishments throughout the year to identify the necessary requirements of individual operations. As well, the Department's Inspection personnel worked with the processing industry, educating as to better fish processing practises and pointing out areas in the operation that require improvements and suggesting methods to improve.

During the 1985 fishing season, a number of complaints on fish quality were investigated and recommendations for improvements were suggested. Due to a number of quality improvement programs in place in Prince Edward Island, there has been a noticeable increase in landed quality fish.

Quality Enhancement:

(a) **Dockside Grading**

To continue the Department's thrust of improving the quality of groundfish landed on Prince Edward Island, the Department of Fisheries in co-operation with Federal Department of Fisheries and Oceans funded the P.E.I. Groundfish Buyers to engage the services of six dockside grading monitors for the 1985 fishing season. The duties of the monitors were to

(1) monitor the fish grading of industry graders,
(2) deal with any complaints in the lack of uniformity in grading,
(3) encourage fishermen to participate in the project,
(4) talk to fishermen regarding problems they have in meeting the standards and going out in the fishing vessels to monitor handling procedures, and
(5) see that proper records are being maintained and collect statistics on a daily, weekly and monthly basis on all fish offered for grading.

Over thirty industry dockside graders were engaged during the 1985 fishing season. By year end over ten million pounds of fish were offered for grading on Prince Edward Island.

	Grade A(%)	Grade B(%)	Grade C(%)
Flounder	4,000,000(84)	725,000(14)	46,000(1)
Hake	1,500,000(71)	600,000(28)	20,000(1)
Cod	26,000,000(79)	650,000(19)	6,000(1.5)

It has been recognized that a change in handling practice, both on board vessel and at dockside, has proved to be the major significant factor for increased Grade A landed fish. The majority of fishermen and processors have switched to insulated containers. Fish are gutted/bled, washed immediately on board and then stored in insulated containers in slush water, made from seawater, ice and salt.

The Department plans to continue its fish quality enhancement programs and training for the 1986 fishing season.

(b) **Processors' Quality Enhancement**

During the 1985 season, twenty-three Federally registered processing plants on Prince Edward Island participated in the quality enhancement program. Under this program, funds were made available on a 50/50 cost-shared arrangement to any registered plant in Prince Edward Island licensed to export. The funds were used by a processing plant for infrastructure materials at the facility aimed towards achieving a better quality end product. The majority of the participants used the program to assist in changing their fish handling practices; i.e., slush ice in insulated fish containers.

(c) **Quality Control [In-Plant]**

This is an ongoing program and provides financial assistance to the fish processing sector, enabling them to engage technology students from the Fisheries Technology Program (Holland College, Summerside) to work with their employees in the plant to set up a practical and workable in-plant quality control program. This program has a two-way benefit. Not only does the processing plant gain by having a qualified fishery technician available, but also the technician gets some in-plant practical experience to supplement the work of the course.

Professional Services:

Assistance is available to all Island processing plants enabling them to engage professionals to assess, demonstrate or instruct in processing methods and techniques. Funds are available on a cost shared basis and could include in-plant quality control mechanisms, production analysis, end-of-line grading, etc.

(a) In 1985, assistance was provided to Island Saltfish Incorporated to engage Mr. John Coulton, a salt fish processing professional, to provide technical assistance in their new plant at DeSable. A three-year cost-shared arrangement was reached between Island Saltfish Inc. and Prince Edward Island Department of Fisheries and Labour. The duties of Mr. John Coulton were:

(1) Training: train fishermen packers and plant workers as to proper methods of splitting, salting, sizing and grading groundfish.

(2) In-Plant Quality Control: This relates to works performed in the new processing facility with regard to production, work flow, end product grade, etc.

(3) New Product Development: This was work performed for ISI specifically in new product forms to meet market demand; e.g., boneless cod and hake in a "one pound net" package.

(4) Marketing Services: This involved supplying market intelligence to ISI especially in areas of the marketplaces which Mr. Coulton had frequented in his past experiences.

(b) During the 1985 groundfish season, Mr. Max Manual, a fish filleting professional was engaged for one month and made available to P.E.I. processing firms who were interested in having their filleting operations assessed as to productivity, yields and quality.

Mr. Manual spent one week in each of the following plants: Howards Cove Seafoods, Tignish Fisheries Co-op, Abegweit Seafoods/Milligan Fisheries and North Ocean Enterprises.

Since three of the four plants involved were new in the field of filleting, the majority of the work was done in training the new filleters.

One of the Department's objectives in the project was to try to encourage the processing plants to fillet their fish on Prince Edward Island and ship the fillets, rather than ship the whole fish unprocessed.

(c) The use of computers has found its way into virtually every business throughout the world. On Prince Edward Island, processing plants are utilizing microcomputers with respect to bookkeeping, payroll, etc. Increasing interest has been expressed by the industry in information and fisheries related software packages.

In 1985 Tignish Fisheries Co-operative Association Ltd. was provided financial assistance for the development of software and staff training on their existing computer (IBMXT) to perform record keeping and reporting.

(d) In the summer of 1985, a major herring processing venture was implemented by four processing firms in eastern Prince Edward Island; namely, Keeping & MacKay, Wendall Graham Ltd., Souris Seafoods and Murray Harbour Seafoods.

In previous years the male herring were discarded, either to be processed as fish meal or in most cases to be buried in pits just to get rid of the carcasses. A market for salted male herring in barrels was negotiated with the Russians. To assure that product specifications for the herring were achieved, Mr. Christen Johannson was engaged by the four processing firms. A 50-50 cost shared arrangement was drawn up between the Province and the four companies. Mr. Christen Johannson's duties included:

(1) Demonstrate to the workers in the four plants as to the method of packing the herring.

(2) Monitor the processing in the four plants to assure quality specifications were achieved.

(3) Assure that the finished product was stored under ideal conditions to retain top quality.

Technology Improvement:

This program provides financial assistance to Island processing firms for leasing particular machinery on a trial basis to assess the economic benefits to the operation.

Three of the larger processors in eastern P.E.I.; namely, Souris Seafoods, Keeping & MacKay Ltd. and Wendell Graham Ltd., over the past three years have been heavily involved in herring processing during the fall season. The herring roe certainly is the most important product in the herring process. The fact that most of the herring carcasses have to be disposed of as offal, which creates an expense, prompted these processors to look at processing and marketing herring fillets as well as the roe. Since the filleting machinery is a high capital expenditure, the three plants opted to lease three machines on a four-month trial basis

Each plant leased one Arenco nobbing machine and one Arenco filleting machine. The machines proved to be very capable of producing a good marketable product when the initial quality of the herring was top grade.

Due to a successful four-month trial period, one of the three plants has purchased the machinery for further processing next season. The other two plants will assess the work they have carried out this fall and make a decision on purchase prior to the 1986 herring season.

Abegweit Seafoods/Milligan Fisheries Ltd. erected a new groundfish processing facility at Naufrage Harbour in 1985. The Company wished to change its operation from shipping of round, unprocessed groundfish to a groundfish filleting operation, thus retaining employment on the Island. To avoid purchasing expensive equipment initially without knowing its performance, the management decided to lease on a trial basis. One Sipromac groundfish skinning machine was leased for a period of three months. The machine proved to be suitable for their size of operation, and a decision on purchase will be made by management this winter.

Murray Harbour Seafoods experienced some minor problems in the quick freezing of herring roe in 1984. After doing considerable reasearch on various types of freezing units, the Company decided to lease a Jackstone Plate Freezer on a four-month trial. The Jackstone Freezer worked very satisfactorily and froze the herring roe quickly, thus retaining quality of the roe and made it quite easy to meet market product specifications.

Financial Support:

Fish processors, fishermen and service industries; e.g., boat builders, are assisted in a number of aspects related to financial matters that will lead to the development of their respective enterprises. These aspects include applications for

development grants, capital or operating loans, and loan guarantees. Finance monitoring was carried out on a number of assistance projects.

Fleet Development:

The fishery economy of Prince Edward Island is highly dependent upon the annual volume of raw material (fish landings) available to Prince Edward Island processing plants. It is in the Province's best interest to increase this volume where possible and to ensure that all fish catches are landed using quality methods. In order to do this, fishermen must have modern, seaworthy boats capable of using current harvesting techniques in a most efficient manner. The Department has initiated a fleet development program of providing financial incentives to fishermen to convert existing vessels to diesel power and expand the near and offshore fleet. The report on each segment of the program follows.

Diesel Engine Conversion Program:

Diesel engines are more fuel efficient than gasoline models, maintenance is minimal, and the operating life of a diesel engine is much longer than that of a gasoline engine. The diesel engine is more reliable and dependable under arduous conditions. Although the initial investment for a diesel engine is somewhat higher than for a gasoline engine, the savings realized from using less fuel (up to 50% less) would pay for the difference in a very short time. To assist fishermen with the initial cost of conversion from gasoline to diesel engines, the Department provides a grant of 25% of the capital cost to a maximum of $2,500 for new diesel engines installed in existing vessels powered by gasoline engines for at least one fishing season. The program was initiated on April 1, 1982 and provided for retroactive applications back to November 15, 1979, those being approved at $1,500 and $500 for the year to November 15, 1981 and to November 15, 1980 respectively.

The total number of fishermen receiving financial assistance on new diesel engines up to December 31, 1985 was 276. Eighty-four fishermen received assistance to December 31, 1982; 49 in 1983; 47 in 1984 and 96 in the calendar year 1985. There are 46 approved applications on hand, with an additional 38 applications that are under consideration. The 96 fishermen assisted in 1985 received a total of $238,181.77 for an average assistance of $2,481.06.

Near and Offshore Fleet Development Program:

The Department has been actively assessing alternate methods of increasing the overall annual volume of raw materials landed on Prince Edward Island. A limited number of hatched decked 30 gross registered ton vessels can be engaged in the ground and crab fisheries in the Gulf Region, based on existing licenses.

Options appear to be construction of near-shore vessels by fishermen who now have the required licenses and the acquisition of new or used medium or large offshore vessels which also have the required licenses.

A policy respecting the level of financial assistance provides Island fishermen with a grant of 25% of the capital cost to a maximum of $35,000 for new near-shore vessels.

In 1983, two Souris area fishermen received assistance under this program for construction of two 45' fibreglass solid decked vessels of 46 gross registered tons (GRT). These were the MV Marc & Lori and MV Mildred E. In 1984/85 fiscal year, four vessels were constructed. A 42' fibreglass vessel of 31 GRT, the MV Eastern Breeze, was assisted for a Graham's Pond fisherman who is operating it as a Danish seiner. Two 45' fibreglass vessels of 46 GRT were constructed by Souris area fishermen and began operating in the summer of 1985. The MV Melissa Anne 11 and MV Claudette L. operate as pair seiners. Another Souris area fisherman constructed a 42' solid decked vessel of 36 GRT The MV Ocean Bonnie operates as a groundfish dragger.

In the 1985/86 fiscal year, five fishermen have received approval for assistance. A Souris area fisherman constructed a 45' hatched decked vessel, the MV Myrtle Elaine, and operated it in the fall months of 1985 as a crabber. A Beach Point fisherman is 40% complete in the construction of a 45' wooden longliner. A Tignish fisherman is 70% complete in the construction of a 44' fibreglass decked crabber/dragger. A second Tignish area fisherman is 50% complete in the construction of a 44' fibreglass danish seiner, and a third Tignish area fisherman is 20% complete in the construction of a 44' crabber/Dragger. Several other applications are on hand pending program funding for 1986-87.

These hatched decked vessels of over 30 GRT are suitable to several types of groundfishing and are also a safe platform from which to operate in the new crab fishery. A number of these vessel owners are in various stages of identifying the best handling and holding methods, and one is installing a chilled seawater/refrigeration system in the fish hold.

Seaweed Stabilization Program:

The mixed moss (Irish Moss/Furcellaria mixture) in Eastern Kings County is highly dependent upon one market outlet. The main buyer is experiencing reduced demand for the processed product and desires to reduce the inventory holdings over a reasonable period of time. The Department, in the interest of stabilizing the harvest of this portion of the seaplants industry, continued to assist the fishermen in Kings County. Good quality mixed moss was bought by the Province of Prince Edward Island and held as inventory until sold to European or United States buyers.

Current economic conditions dictated that the main buyer would not be buying in the 1985 season, again due to high inventory holding costs and a more pronounced lower demand for processed product. Similar arrangements were made between the Province and P.E.I. Seaweed Limited for the 1985 season as for several previous seasons. The company, P.E.I. Seaweed Ltd., carried out the usual handling, processing and storage of the mixed moss from April 24, 1985 to May 31, 1985 when the company advised it could no longer operate. The Province continued the operation by leasing the facilities from P.E.I. Seaweed Ltd. for the remainder of the season to December 31, 1985. The Province provided operating funds and purchased the mixed moss direct from the fishermen, processed and stored it ready for sale. The Province absorbed partial costs related to wet moss landings, operations, overhead and carrying charges for the purchase from fishermen and handling of wet storm tossed and sun dried moss. The 1984 and 1985 production is held in inventory pending finalization of marketing details. By December, it was appearing that some interest is being expressed by potential buyers which is expected to result in some inventory movement.

Fishermen's Investment Incentive Program:

Fishermen had long pressed for preferential interest rates for monies that they must invest directly into their fishing enterprises. They maintain that direct financial grants usually put individual fishermen in a position of increasing their debt load for capital items at inappropriate times. The Department supports the investment incentive method of providing assistance to the primary fishing industry, as it enables individual fishermen to develop their enterprises in an orderly manner and retain a balanced financial business package. Assistance is provided in the form of up to a four percentage point interest reduction grant paid directly to the fisherman upon receipt from a recognized lending institution of itemized charges related to approved projects. Eligible projects can include new or used capital asset purchases, acquisition of fishing enterprises and fishing privileges, repairs to capital items and working capital loans.

The program came into effect May 24, 1983. During the calendar year to December 31, 1985, 193 applications were received for a total of 408 for the program to date. The total amount of the 46 loans approved for assistance in 1983 was $388,960.12 for an average of $8,455.65. In 1984, 127 loans were approved for a total of $1,735,845.39 for an average of $13,668.07. For the calendar year ended December 31, 1985, 152 loans were approved for a total of $2,491,096.18 for an average loan of $16.388.79. Fishermen claims average one year following the loan approval, as the Investment Incentive program pays claims when the interest payments have been made to the lender. Since the inception of the program until December 31, 1984, 98 claims were paid for a total of $15,587.90. For the calendar year to December 31, 1985, 319 claims have been paid for a total of $92,610.17.